

09-19-14 LETTING ITEM 034

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

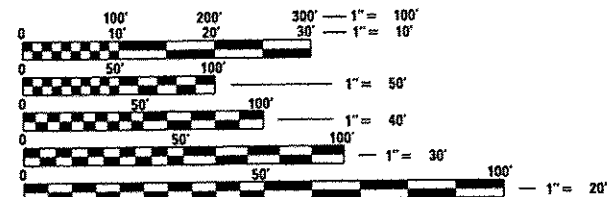
VARIOUS ROUTES
SECTION D5 CM PATCHING 2015-2

PATCHING
CHAMPAIGN, DOUGLAS, & VERMILION COUNTIES

C-95-036-14

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LOCATION MAPS, SEE SHEETS NO. 3-6
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 7-9

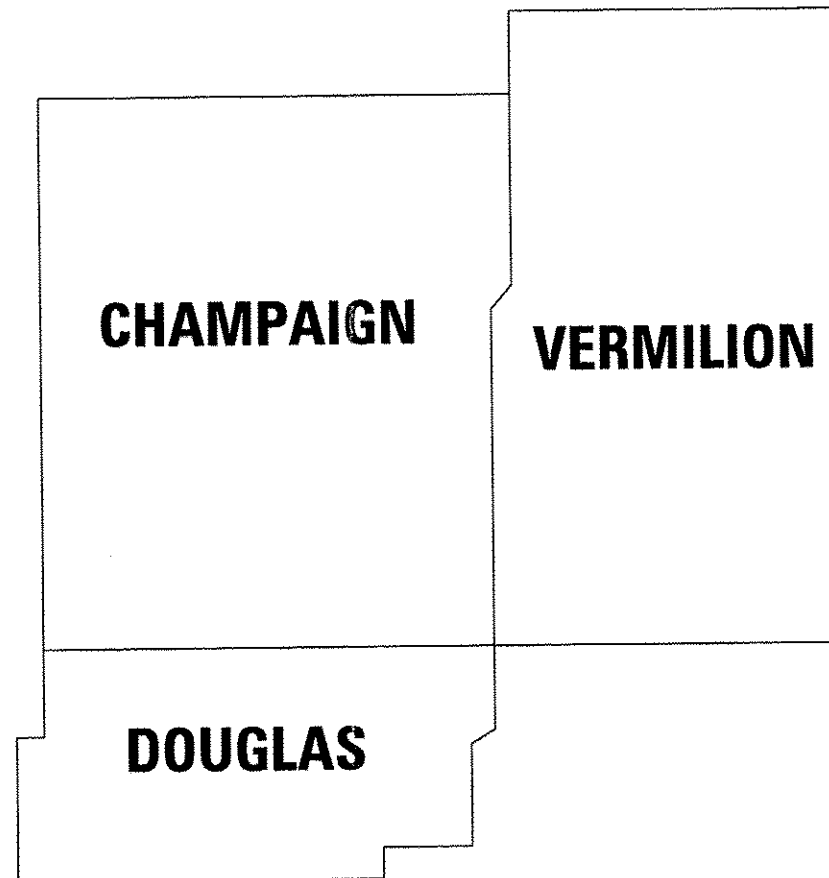
CURRENT ADT
SEE LOCATION MAPS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

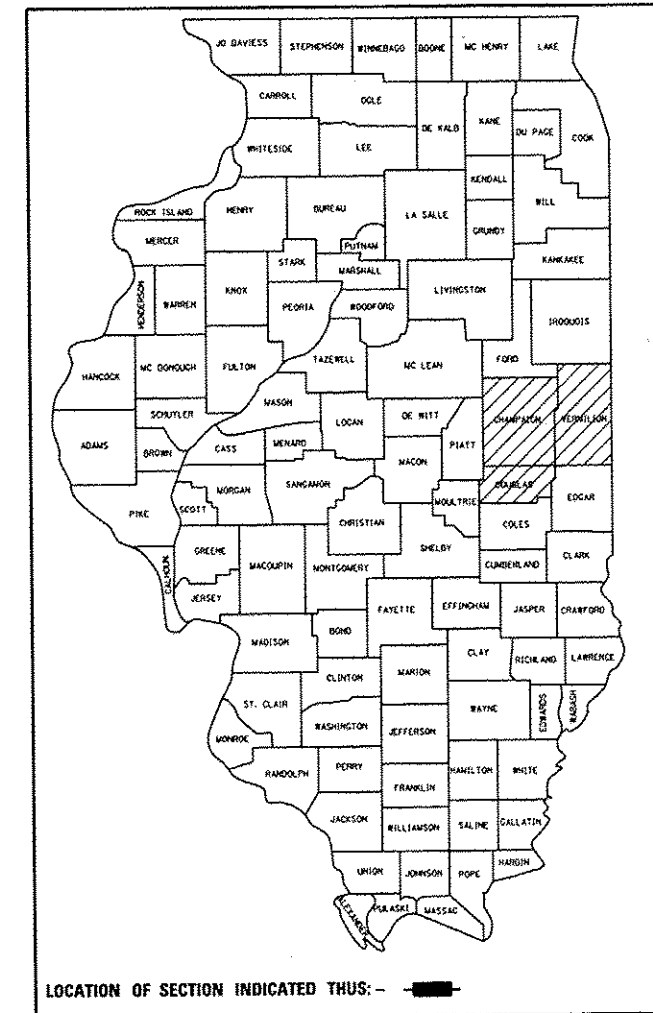
PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: RYAN CARROLL
PHONE: 217-465-4181
CONTRACT NO. 70A81



GROSS LENGTH = 405,672.060 FT. = 76.832 MILE
NET LENGTH = 405,672.060 FT. = 76.832 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 CM PATCHING 2015-2	**	32	1
		ILLINOIS	CONTRACT NO. 70A81	
*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION		

D-95-036-14



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED JUNE 26 2014
Kenneth A. Barnett
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER, P.E.

AUG 15 2014
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

AUG 15 2014
Orin Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS AND LIST OF STANDARDS
2	GENERAL NOTES
3-6	LOCATION MAPS
7-9	SUMMARY OF QUANTITIES
10-27	EXISTING TYPICAL CROSS SECTIONS
28-31	SCHEDULE OF QUANTITIES
32	SWITCHBACK

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701400-07	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-08	LANE CLOSURE, FREEWAY OR EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-03	TRAFFIC CONTROL DEVICES

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-442B – PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

COMMITMENTS:
THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

FILE NAME *	USER NAME * gorse	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF STANDARDS, & GENERAL NOTES	*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION				
c:\pwwork\p\dot\gorse\08400102\0578	1-11-11-cover-schedule.dgn	DRAWN -	REVISED -			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 40.0000' / in.	CHECKED -	REVISED -				DS CM PATCHING 2015-2	**	32	2
#MODELNAME*	PLOT DATE * 6/26/2014	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.
ILLINOIS FED. AID PROJECT										

LOCATION MAP #1

DOUGLAS CO.
F.A.I. 57

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 57 (I-57)

LEG "A" ADT(2014)=18,500 SU=5.0% MU=35.7%

STATION EQUATION:
STA. 791+00.00 (BK) =
STA. 791+02.17 (AH)

STATION EQUATION:
STA. 736+24.61 (BK) =
STA. 736+26.44 (AH)

STATION EQUATION:
STA. 687+00.00 (BK) =
STA. 687+03.30 (AH)

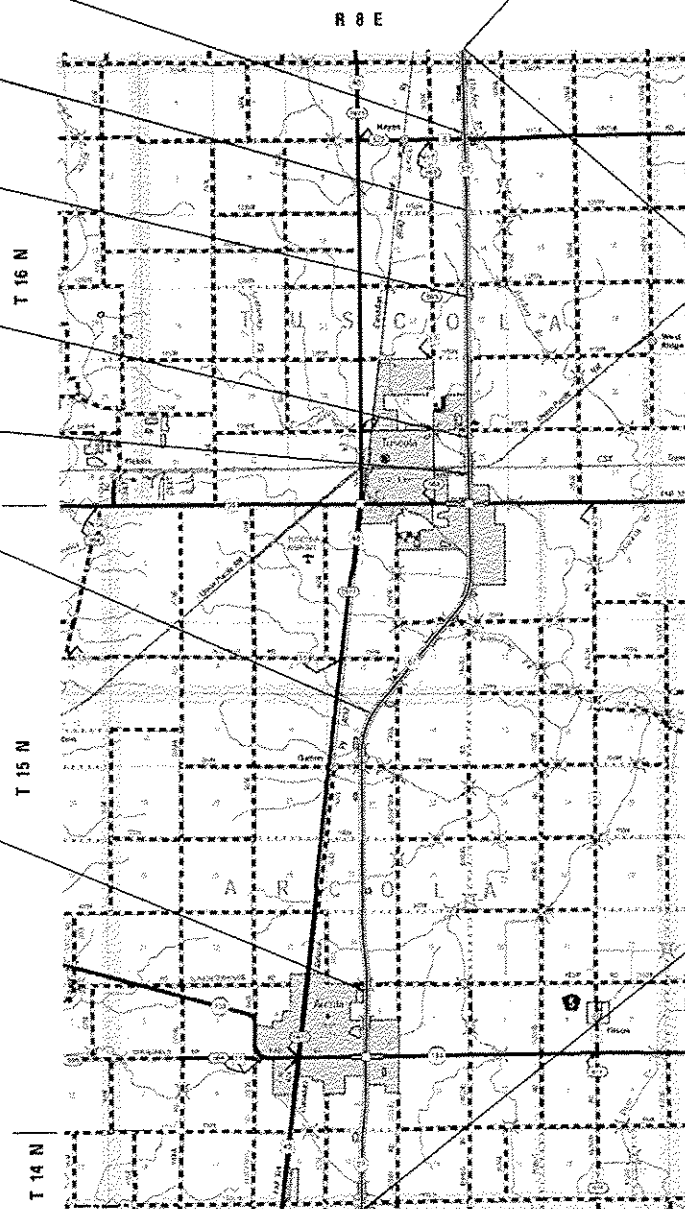
STATION EQUATION:
STA. 575+43.68 (BK) =
STA. 575+43.98 (AH)

STATION EQUATION:
STA. 547+00.00 (BK) =
STA. 547+01.25 (AH)

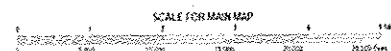
STATION EQUATION:
STA. 360+83.33 (BK) =
STA. 360+87.35 (AH)

STATION EQUATION:
STA. 1510+00.00 (BK) =
STA. 117+23.47 (AH)

DOUGLAS /CHAMPAIGN CO. LINE
STA. 848+62.49



BEGIN SECTION
DOUGLAS /COLES CO. LINE
STA. 1386+91.00



GROSS LENGTH = 85,435.15 FT. = 16.181 MILE
NET LENGTH = 85,435.15 FT. = 16.181 MILE

TOWNSHIPS
TUSCOLA
ARCOLA

FILE NAME *	USER NAME * gorsea	DESIGNED -	REVISED -
c:\pwork\pwork\gorsea\2402182\05784	l-57t-location map.dgn	DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #1

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

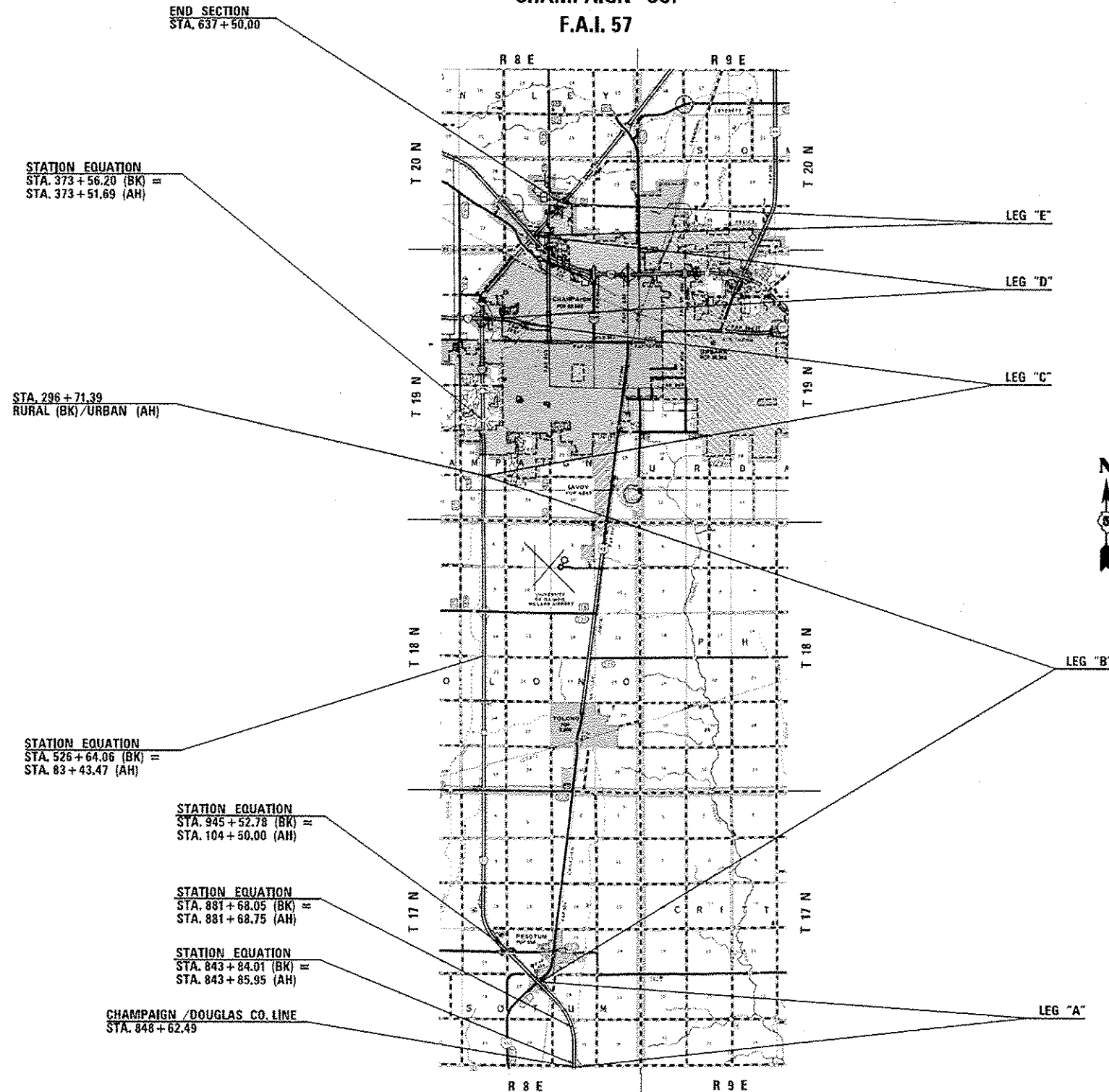
*VARIOUS	**CHAMPAIGN, DOUGLAS, & VERMILION			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• D5 CM PATCHING 2015-2	**	**	32	3
CONTRACT NO. 70A81				
ILLINOIS FED. AID PROJECT				

LOCATION MAP #2

CHAMPAIGN CO.
F.A.I. 57

CURRENT ADT
FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 57 (I-57)

LEG "A"	ADT(2014) = 18,500	SU=5.0%	MU=35.7%
LEG "B"	ADT(2014) = 21,400	SU=4.8%	MU=28.5%
LEG "C"	ADT(2014) = 24,200	SU=4.3%	MU=26.0%
LEG "D"	ADT(2014) = 32,400	SU=6.2%	MU=25.6%
LEG "E"	ADT(2014) = 22,200	SU=3.9%	MU=24.0%



GROSS LENGTH = 108,269.71 FT. = 20.506 MILE
NET LENGTH = 108,269.71 FT. = 20.506 MILE

TOWNSHIPS
PESOTUM
TOLONO
CHAMPAIGN
HENSLEY

FILE NAME *	USER NAME * gorea	DESIGNED -	REVISED -
o:\work\pvidat\gorea\20140802\067801-ehi-location map.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #2
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION		
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DS CM PATCHING 2015-2	**	32	4
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

LOCATION MAP #3

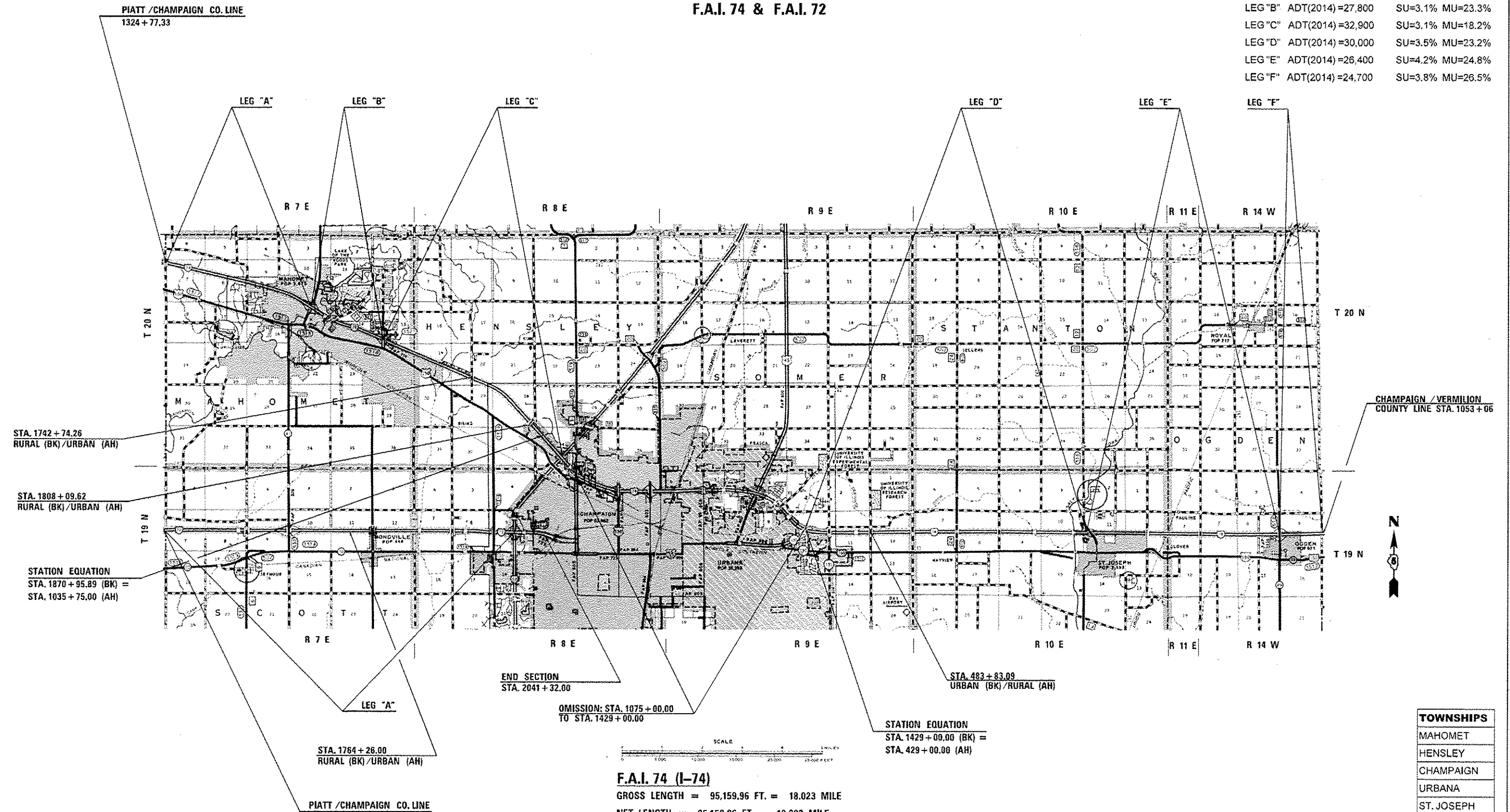
CHAMPAIGN CO.
F.A.I. 74 & F.A.I. 72

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE

FAI 74 (I-74)

LEG "A"	ADT(2014)=21,500	SU=3.5% MU=32.0%
LEG "B"	ADT(2014)=27,800	SU=3.1% MU=23.3%
LEG "C"	ADT(2014)=32,900	SU=3.1% MU=18.2%
LEG "D"	ADT(2014)=30,000	SU=3.5% MU=23.2%
LEG "E"	ADT(2014)=26,400	SU=4.2% MU=24.8%
LEG "F"	ADT(2014)=24,700	SU=3.8% MU=26.5%



STA. 1742 + 74.26
RURAL (BK)/URBAN (AH)

STA. 1808 + 09.62
RURAL (BK)/URBAN (AH)

STATION EQUATION
STA. 1870 + 95.89 (BK) =
STA. 1035 + 75.00 (AH)

END SECTION
STA. 2041 + 32.00

OMISSION: STA. 1075 + 00.00
TO STA. 1429 + 00.00

STA. 483 + 83.09
URBAN (BK)/RURAL (AH)

STATION EQUATION
STA. 1429 + 00.00 (BK) =
STA. 429 + 00.00 (AH)

STA. 1764 + 26.00
RURAL (BK)/URBAN (AH)

PIATT /CHAMPAIGN CO. LINE
STA. 1518 + 02.71



F.A.I. 74 (I-74)
GROSS LENGTH = 95,159.96 FT. = 18.023 MILE
NET LENGTH = 95,159.96 FT. = 18.023 MILE

F.A.I. 72 (I-72)
GROSS LENGTH = 52,329.27 FT. = 9.911 MILE
NET LENGTH = 52,329.27 FT. = 9.911 MILE

CURRENT ADT
FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 72 (I-72)
LEG "A" ADT(2014)=14,500 SU=4.0% MU=16.8%

TOWNSHIPS
MAHOMET
HENSLEY
CHAMPAIGN
URBANA
ST. JOSEPH
OGDEN
SCOTT

FILE NAME *	USER NAME * goreas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP # 3	*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION		
0:\pwwork\p\p\d\goreas\2480102\05700	01-shi-location map.dgn	DRAWN -	REVISED -			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			05	CM PATCHING 2015-2	**	32	5
#MODELNAME*	PLOT DATE = 8/26/2014	DATE -	REVISED -			SCALE:	SHEET 3	OF 4 SHEETS	STA.	TO STA.
						CONTRACT NO. 70A81		ILLINOIS FED. AID PROJECT		

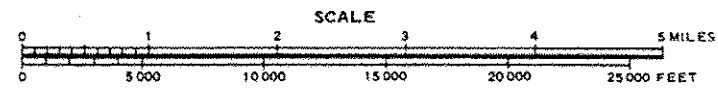
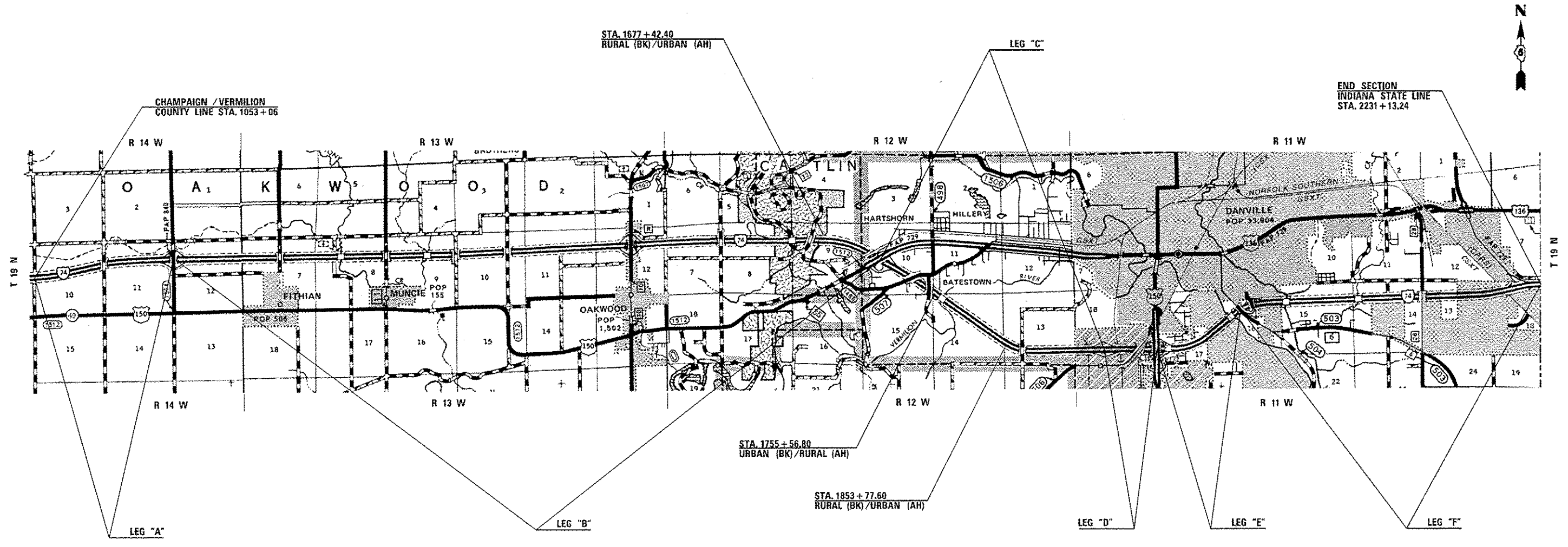
LOCATION MAP #4

VERMILION CO.
F.A.I. 74

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 74 (I-74)

LEG "A"	ADT(2014)=24,700	SU=3.8%	MU=26.5%
LEG "B"	ADT(2014)=24,100	SU=3.1%	MU=24.2%
LEG "C"	ADT(2014)=17,800	SU=3.6%	MU=35.1%
LEG "D"	ADT(2014)=23,100	SU=3.4%	MU=29.1%
LEG "E"	ADT(2014)=26,900	SU=3.9%	MU=25.7%
LEG "F"	ADT(2014)=18,000	SU=4.1%	MU=32.4%



GROSS LENGTH = 117,807.24 FT. = 22.312 MILE
NET LENGTH = 117,807.24 FT. = 22.312 MILE

TOWNSHIPS
OAKWOOD
DANVILLE

FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #4	*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION				
c:\pwork\pvidot\gorees\06400102\0570	pl-ahs-location map.dgn	DRAWN -	REVISED -			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,000' / 1" =	CHECKED -	REVISED -			* 05 CM PATCHING 2015-2	**	32	6	
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -			CONTRACT NO. 70A81				
						ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAI57	FAI57	FAI57	FAI74	FAI74	FAI74	FAI72	FAI72
	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	CHA. CO.	CHA. CO.	DOU. CO.	CHA. CO.	VERM. CO.	VERM. CO.	CHA. CO.	CHA. CO.
	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005	0005	0005	0005	0005

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	8.0			8.0					
44200608	CLASS A PATCHES, TYPE I, 13 INCH	SQ YD	8.0			8.0					
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	30.0	8.0		22.0					
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	54.0			54.0					
44200620	CLASS A PATCHES, TYPE II, 14 INCH	SQ YD	48.0	48.0							
44200628	CLASS A PATCHES, TYPE IV, 14 INCH	SQ YD	147.0	147.0							
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	19.0								19.0
44200633	CLASS A PATCHES, TYPE I, 17 INCH	SQ YD	8.0				8.0				
44200637	CLASS A PATCHES, TYPE II, 17 INCH	SQ YD	16.0				16.0				
44200643	CLASS A PATCHES, TYPE IV, 17 INCH	SQ YD	40.0				40.0				
44200645	CLASS A PATCHES, TYPE II, 16 INCH	SQ YD	11.0							11.0	
44200647	CLASS A PATCHES, TYPE IV, 16 INCH	SQ YD	160.0							160.0	
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	147.0				147.0				
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	16.0							16.0	

* SPECIALTY ITEMS

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

FILE NAME *	USER NAME * g0re00	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
0:\pwwork\pwwork\g0re00\082\05700	01-shit-cover-saq-schedule.dgn	DRAWN -	REVISED -												05 CM PATCHING 2015-2	**	32	7
#MODELNAME#	PLOT SCALE = 48.0000' / 1" / 10.	CHECKED -	REVISED -															
	PLOT DATE = 8/28/2014	DATE -	REVISED -															

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAI57	FAI57	FAI57	FAI74	FAI74	FAI74	FAI72	FAI72
	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	CHA. CO.	CHA. CO.	DOU. CO.	CHA. CO.	VERM. CO.	VERM. CO.	CHA. CO.	CHA. CO.
	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005	0005	0005	0005	0005

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	14.0		14.0						
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	16.0	16.0							
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	54.0				54.0				
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	24.0						24.0		
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	16.0						16.0		
44201299	DOWEL BARS 1 1/2"	EACH	270.0	20.0	20.0		90.0	40.0	100.0		
44213000	PATCHING REINFORCEMENT	SQ YD	532.0	203.0	56.0	83.0				171.0	19.0
44213100	PAVEMENT FABRIC	SQ YD	249.0	16.0			147.0	54.0	32.0		
44213200	SAW CUTS	FOOT	2,654.0	844.0	56.0	316.0	534.0	116.0	264.0	400.0	124.0
44213204	TIE BARS 3/4"	EACH	230.0	55.0		20.0	75.0	20.0		60.0	
67100100	MOBILIZATION	L SUM	1.0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1

* SPECIALTY ITEMS

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAI 57 FAI 57 FAI 57 FAI 74 FAI 74 FAI 74 FAI 72 FAI 72
 RURAL URBAN RURAL URBAN RURAL URBAN RURAL URBAN
 INTERSTATE INTERSTATE INTERSTATE INTERSTATE INTERSTATE INTERSTATE INTERSTATE INTERSTATE
 CHA. CO. CHA. CO. DOU. CO. CHA. CO. VERM. CO. VERM. CO. CHA. CO. CHA. CO.
 100 % STATE 100 % STATE 100 % STATE 100 % STATE 100 % STATE 100 % STATE 100% STATE 100% STATE
 CONSTRUCTION TYPE CODE: 0005 0005 0005 0005 0005 0005 0005 0005

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	12.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0
X7010410	SPEED DISPLAY TRAILER	CAL MO	1.0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	58.0	7.0	8.0	7.0	15.0	7.0	7.0	7.0	7.0

* SPECIALTY ITEMS

3

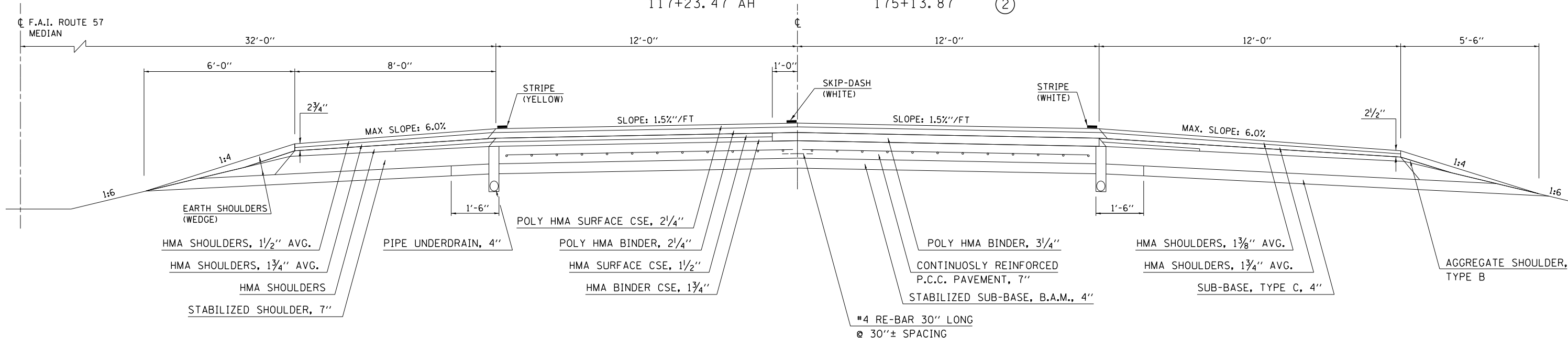
*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

1 PROPOSED TYPICAL CROSS SECTION

LOCATION MAP # 1

F.A.I. 57

STATION TO STATION
 1386+91.00 TO 1510+00.00 BK (2)
 117+23.47 AH TO 175+13.87 (2)



2 PROPOSED TYPICAL CROSS SECTION

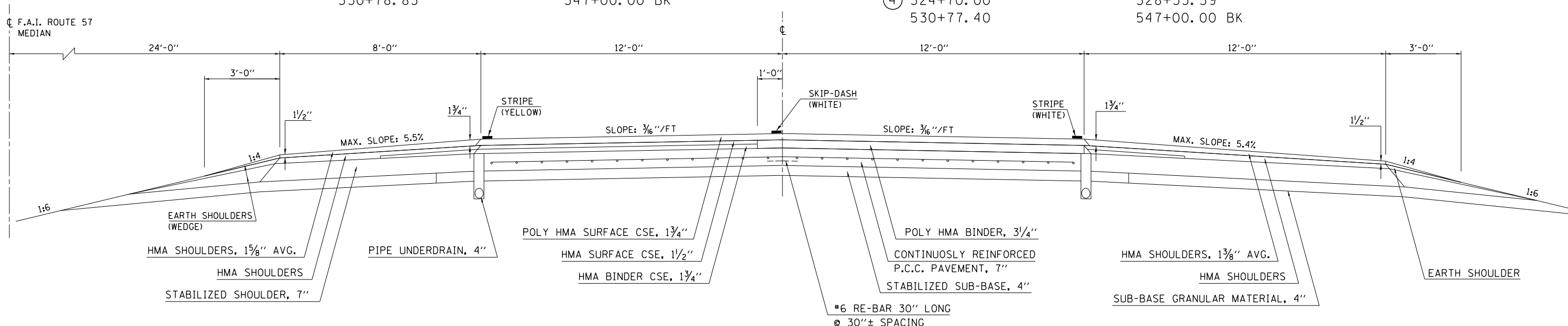
LOCATION MAP # 1

F.A.I. 57

SOUTHBOUND LANES

NORTHBOUND LANES

STATION	TO	STATION	STATION	TO	STATION
1 175+13.87		360+83.33 BK	1 175+13.87		310+00.00 (3)
360+87.35 AH		463+69.00 (4)	3 330+00.00		360+83.33 BK
4 524+70.00		528+35.17	3 360+87.35 AH		390+00.00 (3)
530+78.85		547+00.00 BK	4 524+70.00		528+33.59
			530+77.40		547+00.00 BK



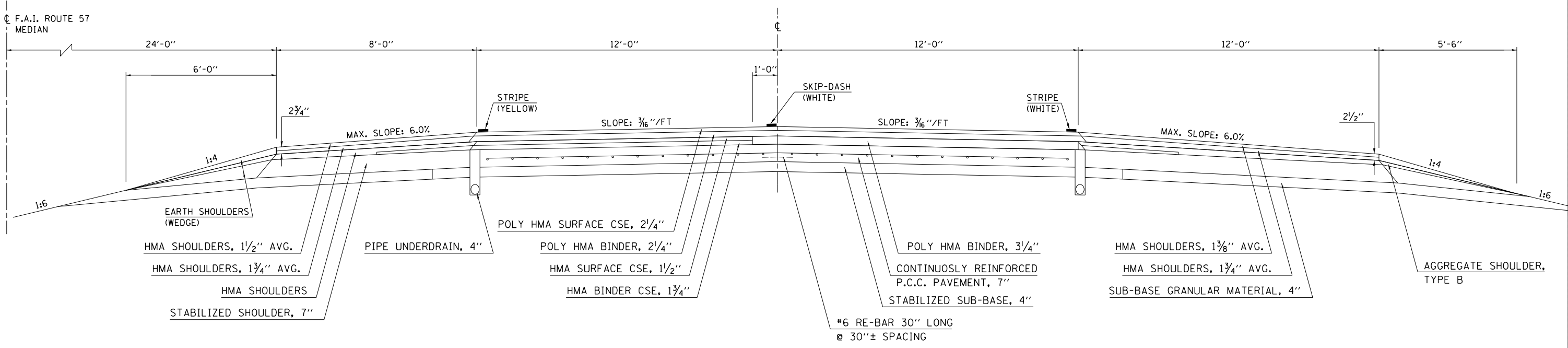
FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\work\pwork\gorees\d0400102\057001\1-sht-typical.dgn		DRAWN -	REVISED -			D5 CM PATCHING 2015-2	**	**	32	10
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 70A81				
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

3 PROPOSED TYPICAL CROSS SECTION

LOCATION MAP # 1

F.A.I. 57

NORTHBOUND LANES ONLY	STATION	TO	STATION
	② 310+00.00		② 330+00.00
	② 390+00.00		④ 463+44.00

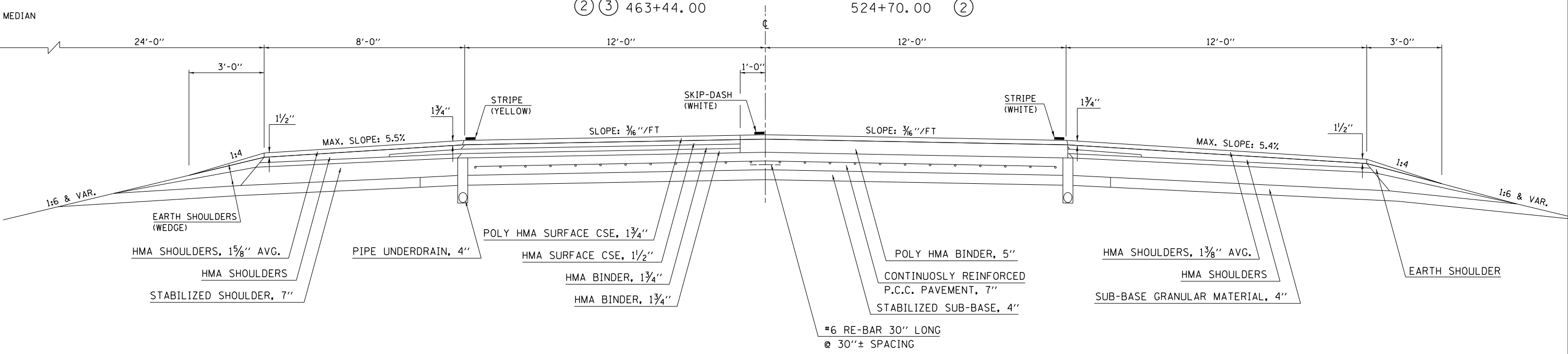


4 PROPOSED TYPICAL CROSS SECTION

LOCATION MAP # 1

F.A.I. 57

STATION	TO	STATION
② ③ 463+44.00		② 524+70.00



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ci:\pw\work\p1dot\gorees\d0400102\0570A01-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 2	OF 18 SHEETS	STA. TO STA.

*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
• D5 CM PATCHING 2015-2		**	32
			11
CONTRACT NO. 70A81			
ILLINOIS FED. AID PROJECT			

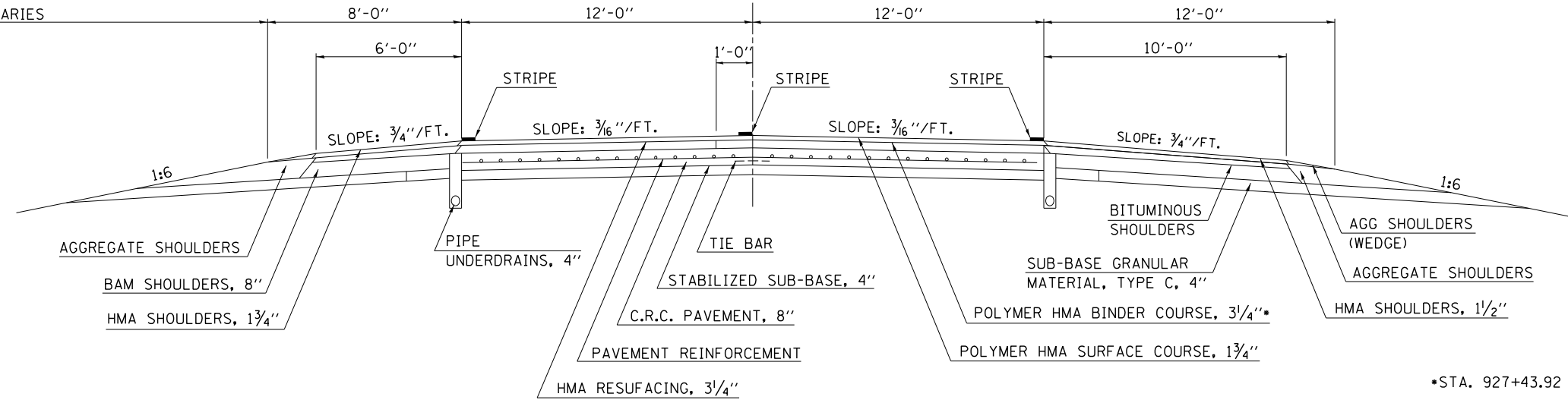
5 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION	TO	STATION
547+01.25 AH.		575+43.68 BK. (N. B. & S. B.)
575+43.98 AH.		687+00.00 BK. (N. B. & S. B.)
687+03.30 AH.		736+24.61 BK. (N. B. & S. B.)
736+26.41 AH.		791+00.00 BK. (N. B. & S. B.)
791+02.19 AH.		843+84.01 BK. (N. B. & S. B.) ⑥
⑥ 843+85.95 AH.		881+68.05 BK. (N. B. & S. B.) ⑦
⑥ 927+43.92		945+52.78 BK. (N. B. & S. B.) ⑦

CHAMPAIGN / DOUGLAS CO. LINE
AT STA. 848+62.49

☉ F.A.I. 57

24'-0" & VARIES

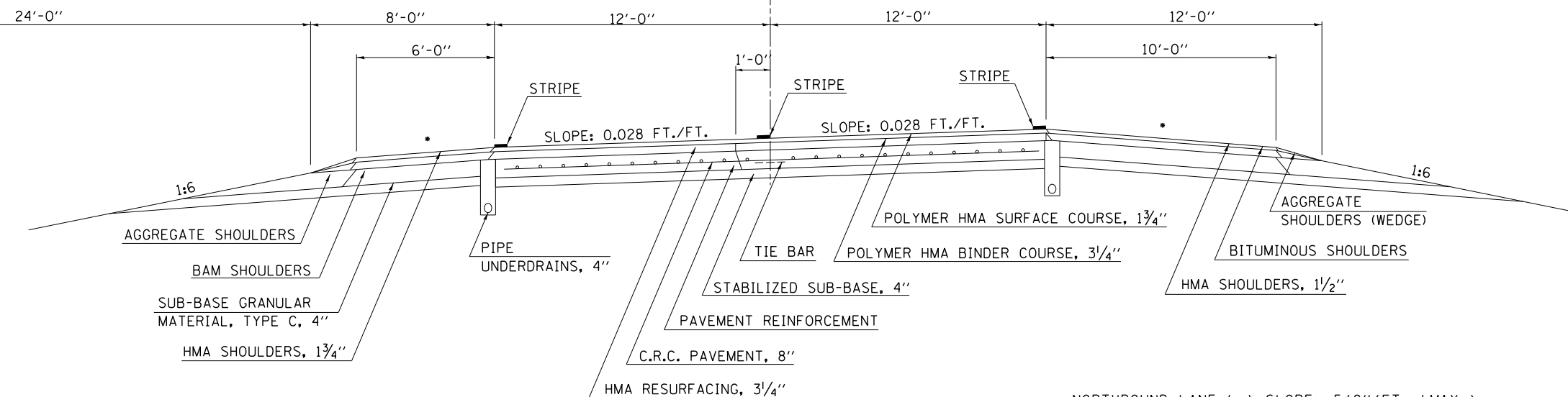


*STA. 927+43.92 TO STA. 945+52.78

6 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION	TO	STATION
⑤ 881+68.75 AH.		927+43.92 (N. B. & S. B.) ⑤

☉ F.A.I. 57



- NORTHBOUND LANE SLOPE: 3/4" / FT. (MAX.)
- SOUTHBOUND LANE SLOPE: 5/8" / FT. (MAX.)

- NORTHBOUND LANE (-) SLOPE: 5/8" / FT. (MAX.)
- SOUTHBOUND LANE (-) SLOPE: 3/4" / FT. (MAX.)

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

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		DATE -	REVISED -

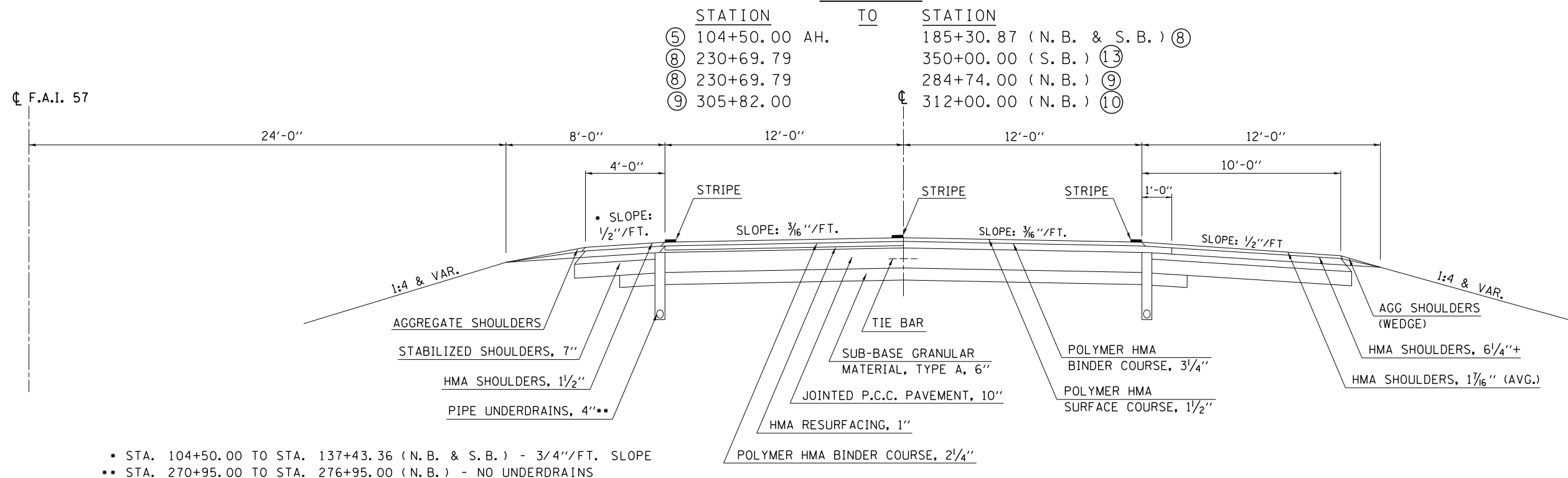
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

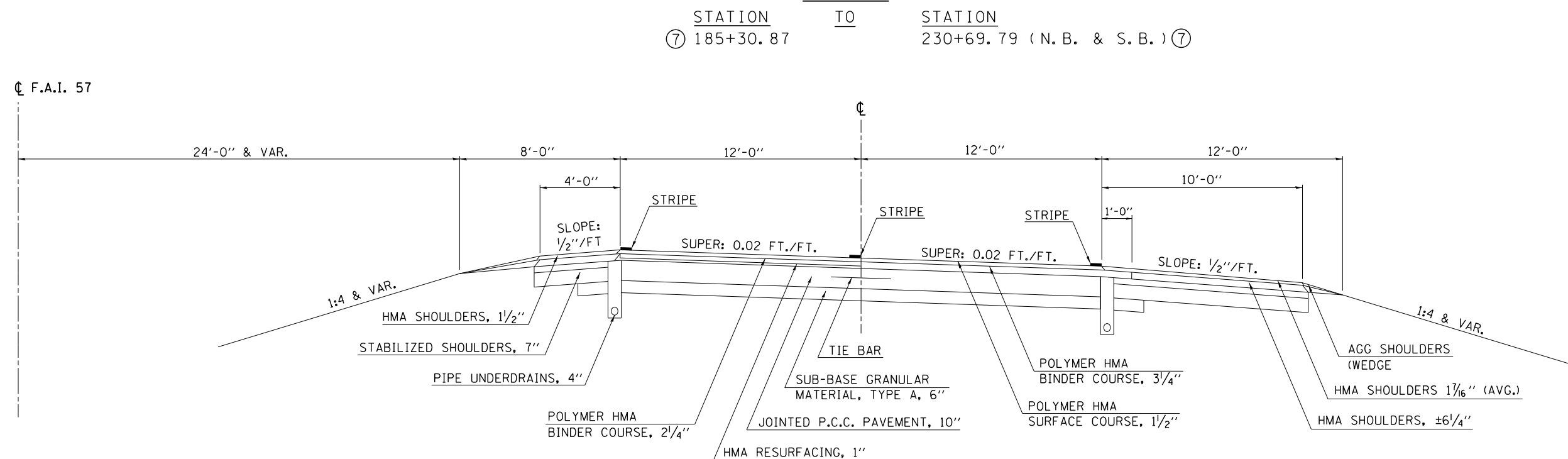
SCALE: SHEET 3 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	**	32	12
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

7 EXISTING TYPICAL CROSS SECTION F.A.I. 57



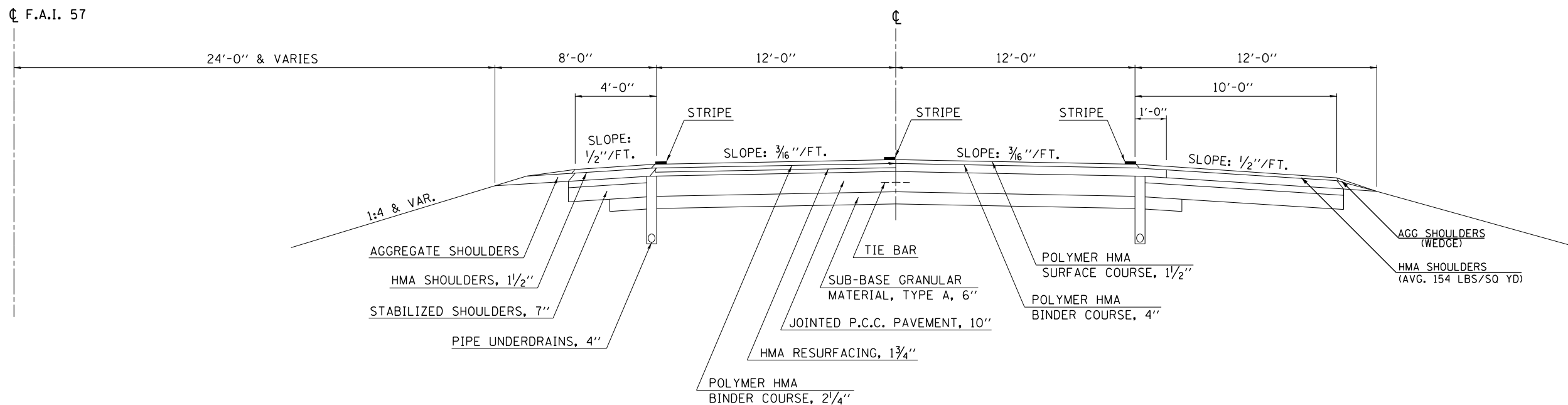
8 EXISTING TYPICAL CROSS SECTION F.A.I. 57



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	SCALE:	SHEET 4 OF 18 SHEETS	STA. TO STA.	*VARIOUS	**CHAMPAIGN, DOUGLAS, & VERMILION	
ct:\pw\work\p\dot\gorees\d0400102\0570A81-sh-typical.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.	• D5 CM PATCHING 2015-2 ••	32 13	CONTRACT NO. 70A81	ILLINOIS FED. AID PROJECT	
#MODELNAME#	PLOT DATE = 6/26/2014	CHECKED -	REVISED -								
		DATE -	REVISED -								

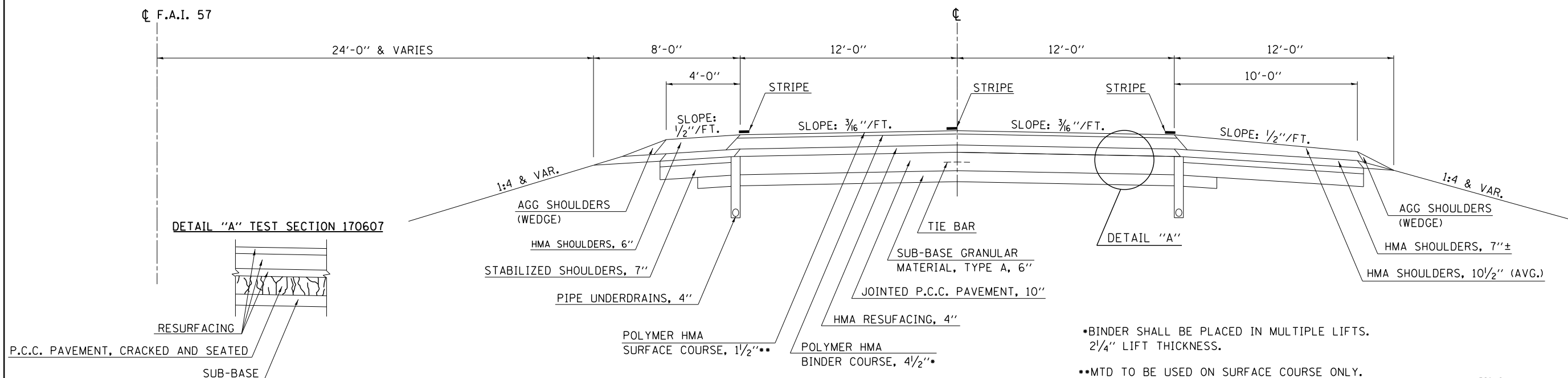
9 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION ⑦ 284+74.00 TO STATION 305+82.00 (N.B.) ⑦



10 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION ⑦ 312+00.00 TO STATION 323+95.00 (N.B.) ⑩



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pw\work\p\dot\gorees\d0400102\0570A01-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

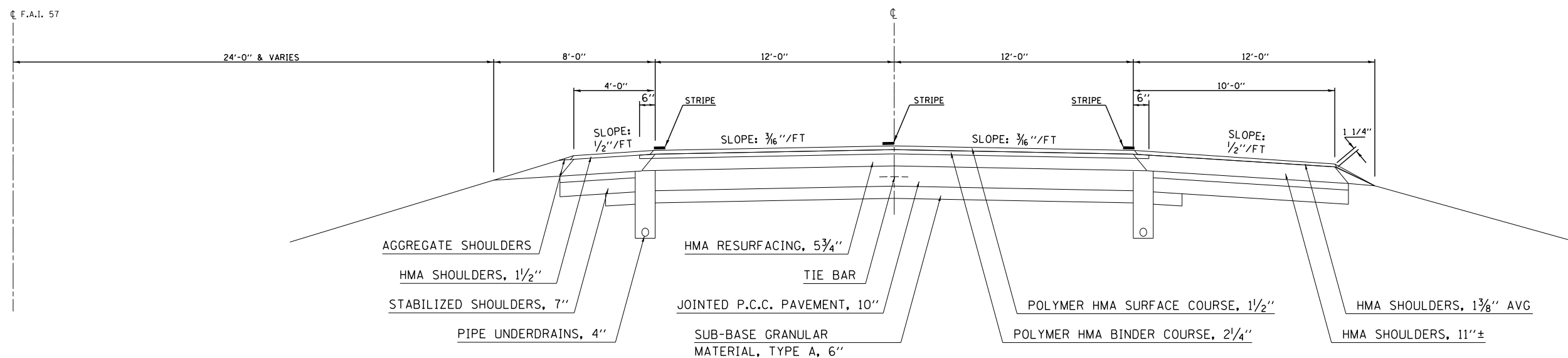
TYPICAL CROSS SECTIONS			
SCALE:	SHEET 5	OF 18 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	**	32	14
CONTRACT NO. 70A81				
ILLINOIS FED. AID PROJECT				

11 EXISTING TYPICAL CROSS SECTION

F.A.I. 57

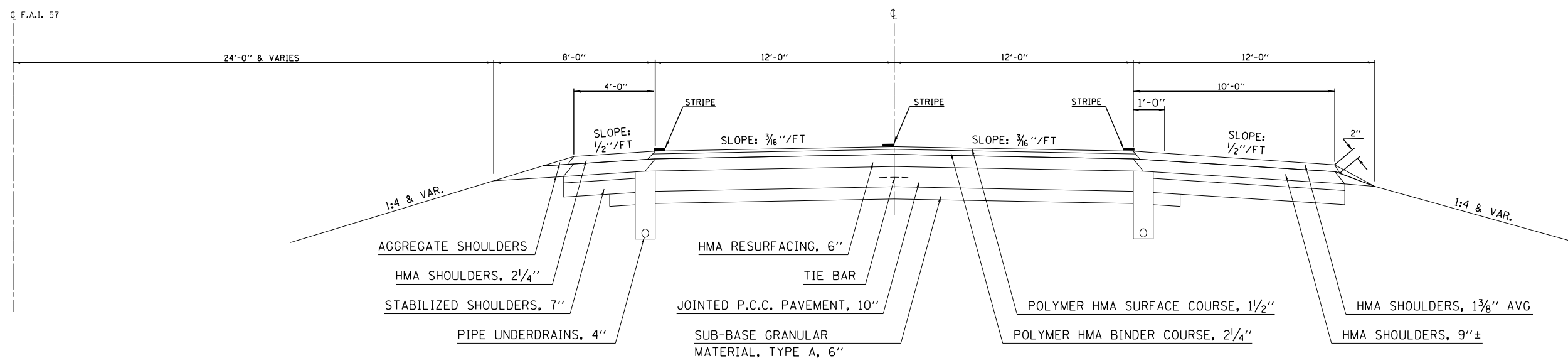
STATION 10 323+95.00 TO STATION 341+95.00 (N. B.) 12



12 EXISTING TYPICAL CROSS SECTION

F.A.I. 57

STATION 11 341+95.00 TO STATION 350.00+00 (N. B.) 11



FILE NAME =	USER NAME = g0rees	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

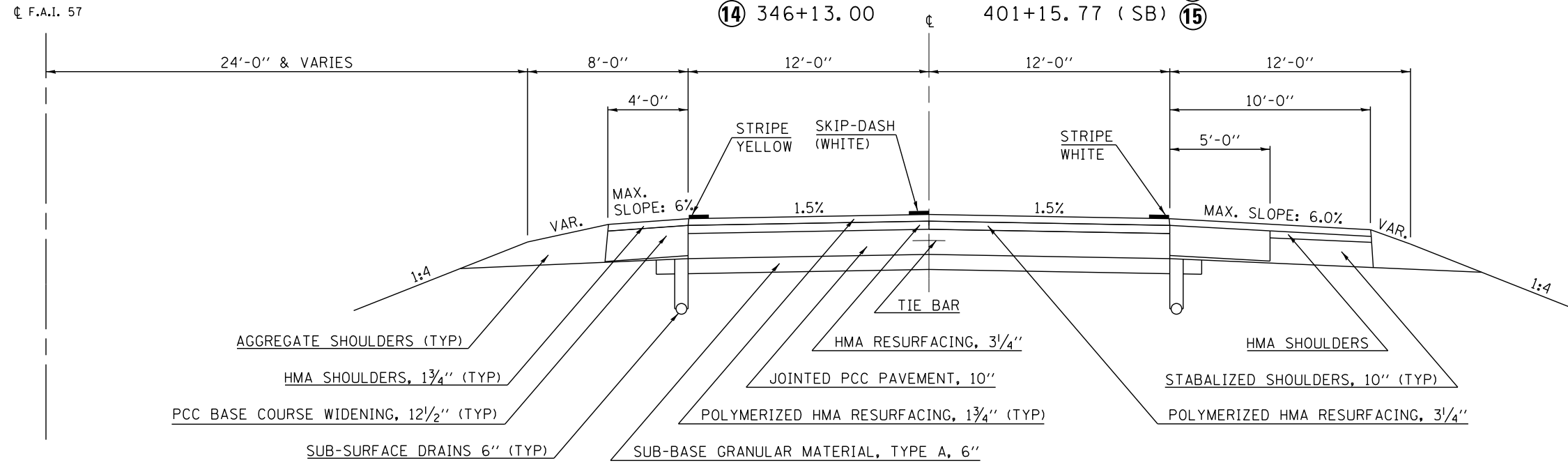
SCALE: SHEET 6 OF 18 SHEETS STA. TO STA.

*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	D5 CM PATCHING 2015-2	**	32
			15
CONTRACT NO. 70A81			
ILLINOIS FED. AID PROJECT			

13 EXISTING TYPICAL SECTION F.A.I. 57

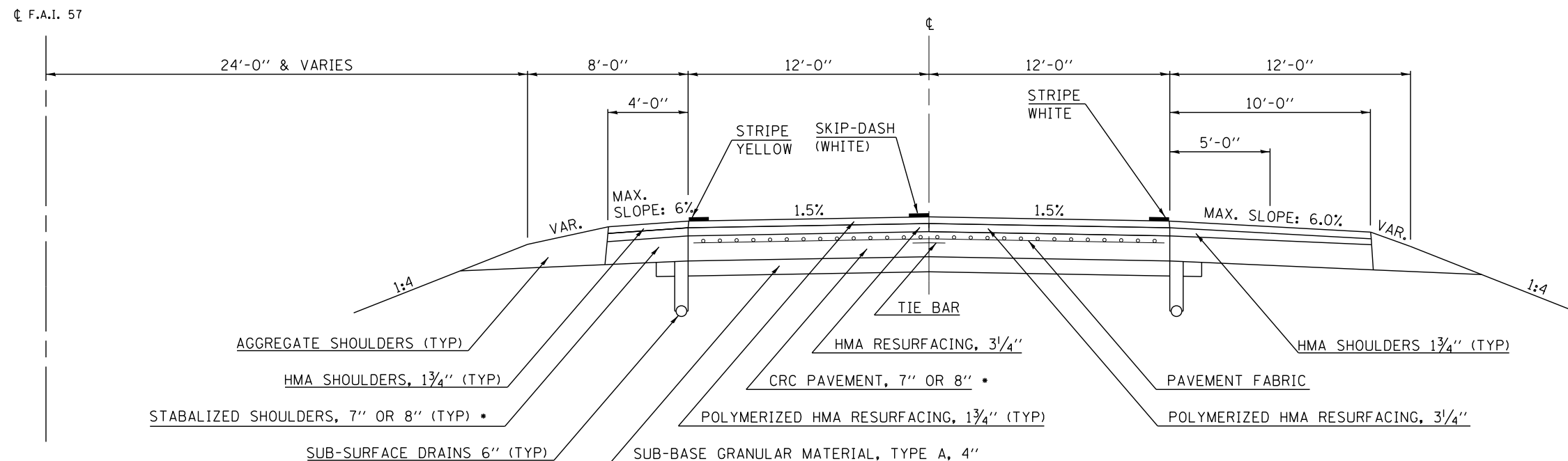
STATION	IO	STATION
350+00.00		526+64.06 (NB & SB) BK
83+43.47 AH		401+15.77 (NB) 15
83+43.47 AH		135+00.00 (SB) 14
14 346+13.00		401+15.77 (SB) 15

STATION EQUATIONS:
 STA 526+64.06 (BK) = STA 83+43.47 (AH)
 STA 373+56.20 (BK) = STA 373+51.69 (AH)



14 EXISTING TYPICAL SECTION F.A.I. 57

STATION	IO	STATION
13 135+00.00		346+13.00 (SB) 13



* STA. 135+00.00 TO STA. 241+00.00 - 7"
 STA. 241+00.00 TO STA. 346+13.00 - 8"

FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pw\work\p\dot\gorees\d0400102\0570A011-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS	
SCALE:	SHEET 7 OF 18 SHEETS STA. TO STA.

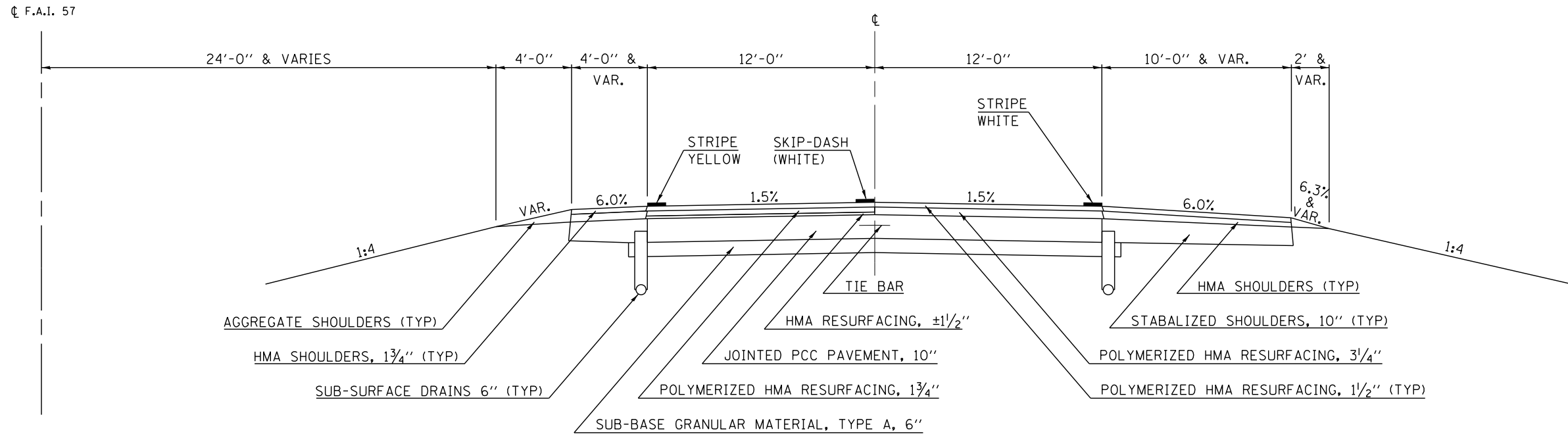
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 CM PATCHING 2015-2	**	32	16
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION 15

F.A.I. 57

LOCATION MAP #2

STATION	IO	STATION
13 401+15.77		492+69.23 16
16 522+00.92		545+00.00 17

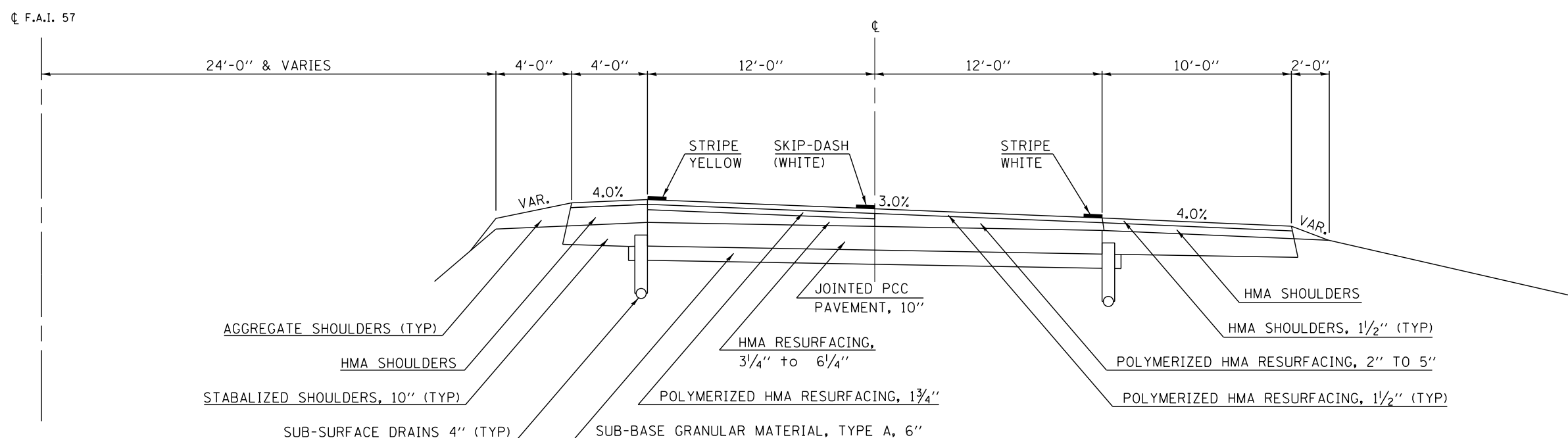


EXISTING TYPICAL SECTION 16

F.A.I. 57

LOCATION MAP #2

STATION	IO	STATION
15 492+69.23		522+00.92 15



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pw\work\p\dot\gorees\d0400102\0570A011-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 8 OF 18 SHEETS STA. TO STA.

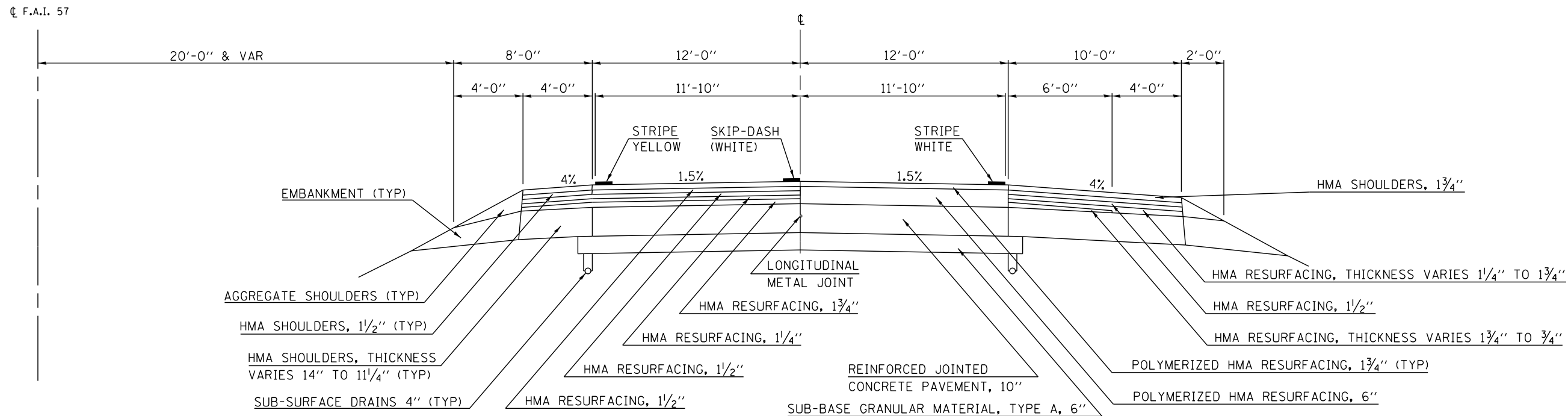
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 CM PATCHING 2015-2	VARIOUS	32	17
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION 17

F.A.I. 57

LOCATION MAP # 2

STATION IO STATION
 15 545+00.00 575+00.00 18

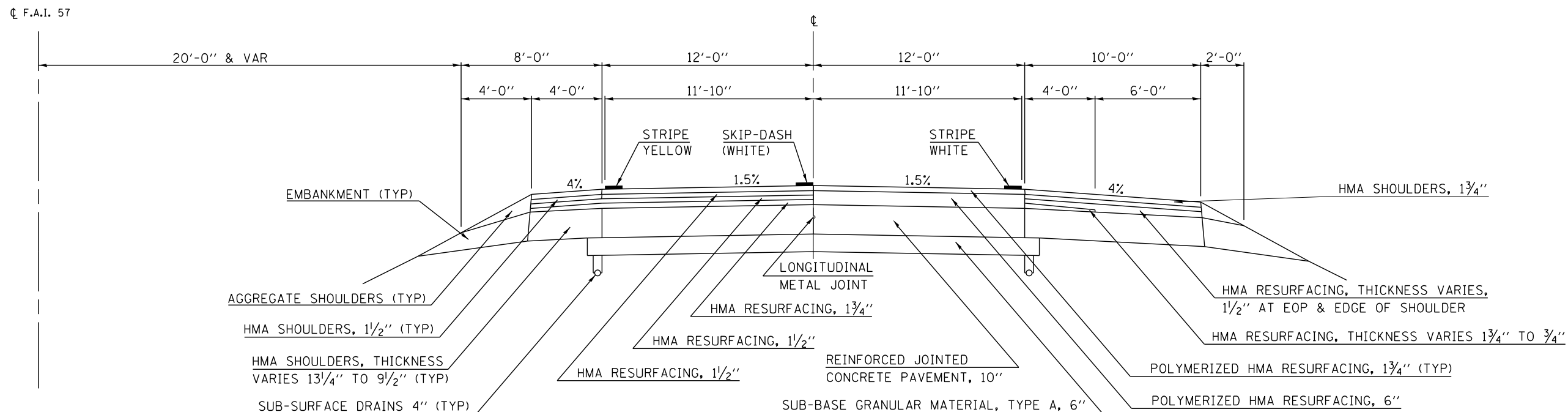


EXISTING TYPICAL SECTION 18

F.A.I. 57

LOCATION MAP # 2

STATION IO STATION
 17 575+00.00 623+36.00 19 20



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	SCALE:	SHEET 9 OF 18 SHEETS	STA. TO STA.
ci:\pw\work\p\dot\gorees\d0400102\0570A01-sht-typical.dgn		DRAWN -	REVISED -					
		CHECKED -	REVISED -					
		DATE -	REVISED -					
#MODELNAME#	PLOT DATE = 6/26/2014							

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	VARIOUS	32	18
CONTRACT NO. 70A81				
ILLINOIS FED. AID PROJECT				

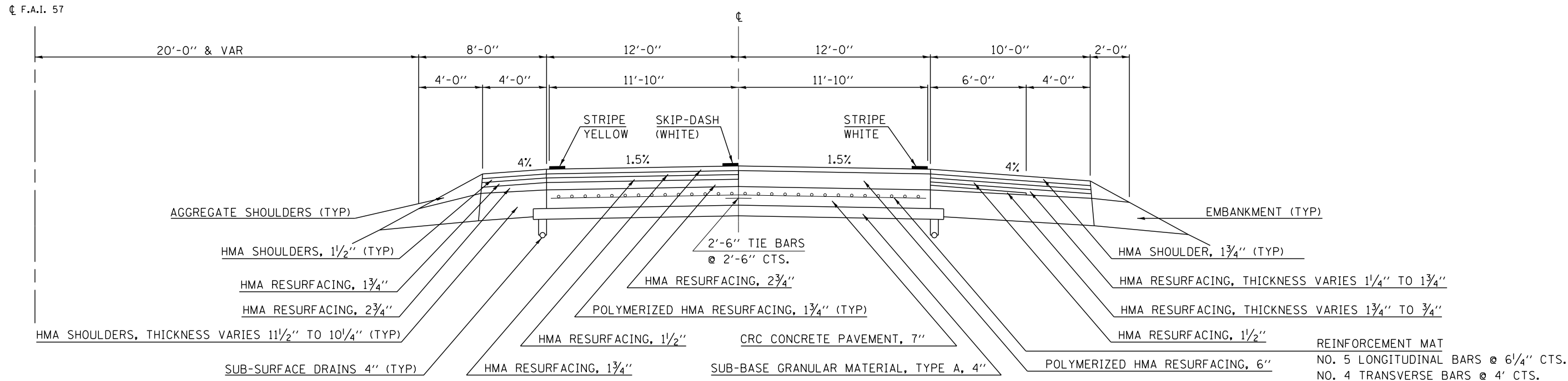
EXISTING TYPICAL SECTION 19

LOCATION MAP #2

F.A.I. 57

NORTHBOUND LANES

STATION 10 STATION
 ⑱ 623+36.00 637+35.00



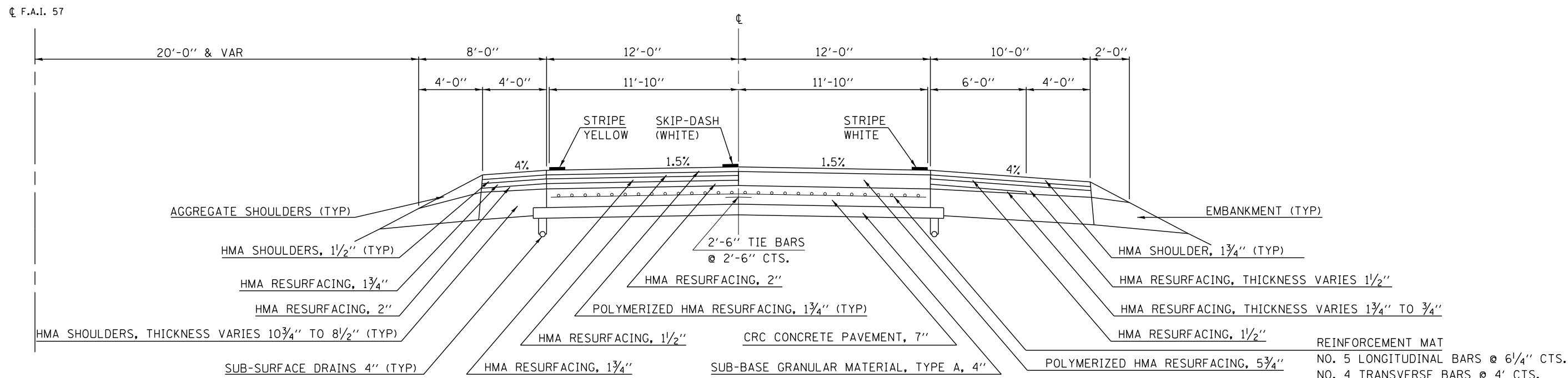
EXISTING TYPICAL SECTION 20

LOCATION MAP #2

F.A.I. 57

SOUTHBOUND LANES

STATION 10 STATION
 ⑱ 623+36.00 637+35.00



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pwork\pwork\gorees\d0400102\0570A01-sh-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 10	OF 18 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	VARIOUS	32	19
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

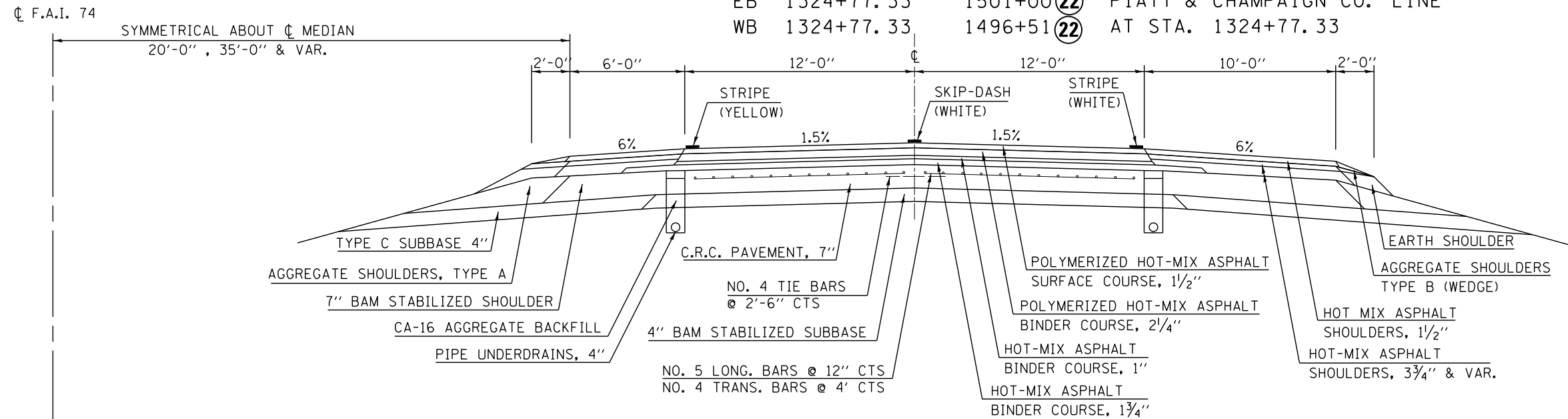
EXISTING TYPICAL SECTION 21

LOCATION MAPS #2 & #3

F.A.I. 74

STATION TO STATION

EB 1324+77.33 1501+00.00 (22) PIATT & CHAMPAIGN CO. LINE
 WB 1324+77.33 1496+51.00 (22) AT STA. 1324+77.33



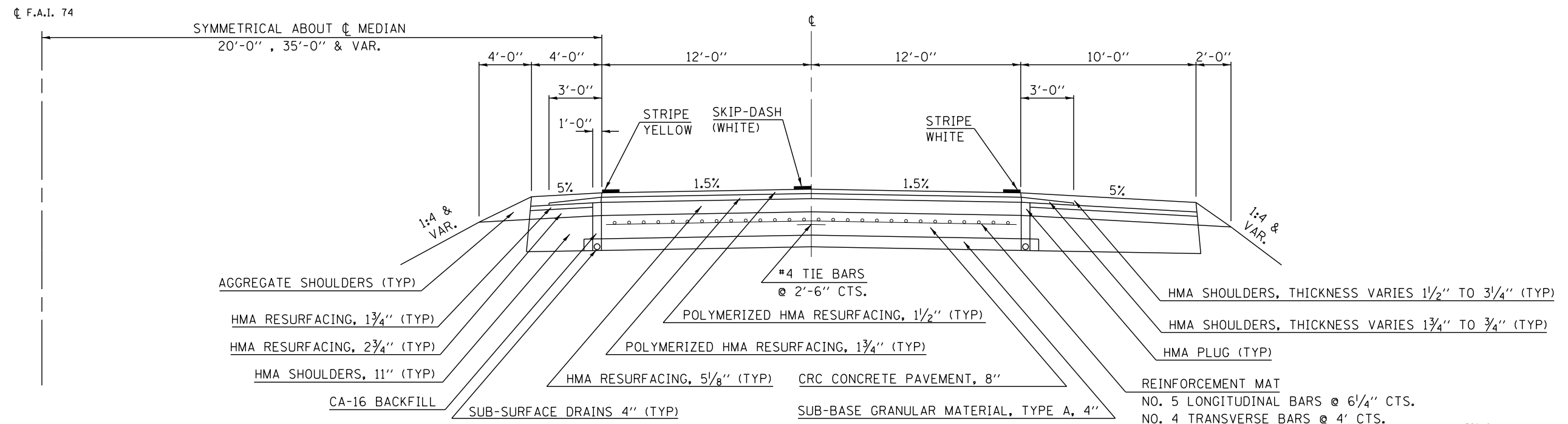
EXISTING TYPICAL SECTION 22

LOCATION MAP #3

F.A.I. 74

STATION TO STATION

(21) EB 1501+00.00 1870+95.89 (BK) = 1035+75.00 (AH) (23)
 (21) WB 1496+51.00 1870+95.89 (BK) = 1035+75.00 (AH) (23)

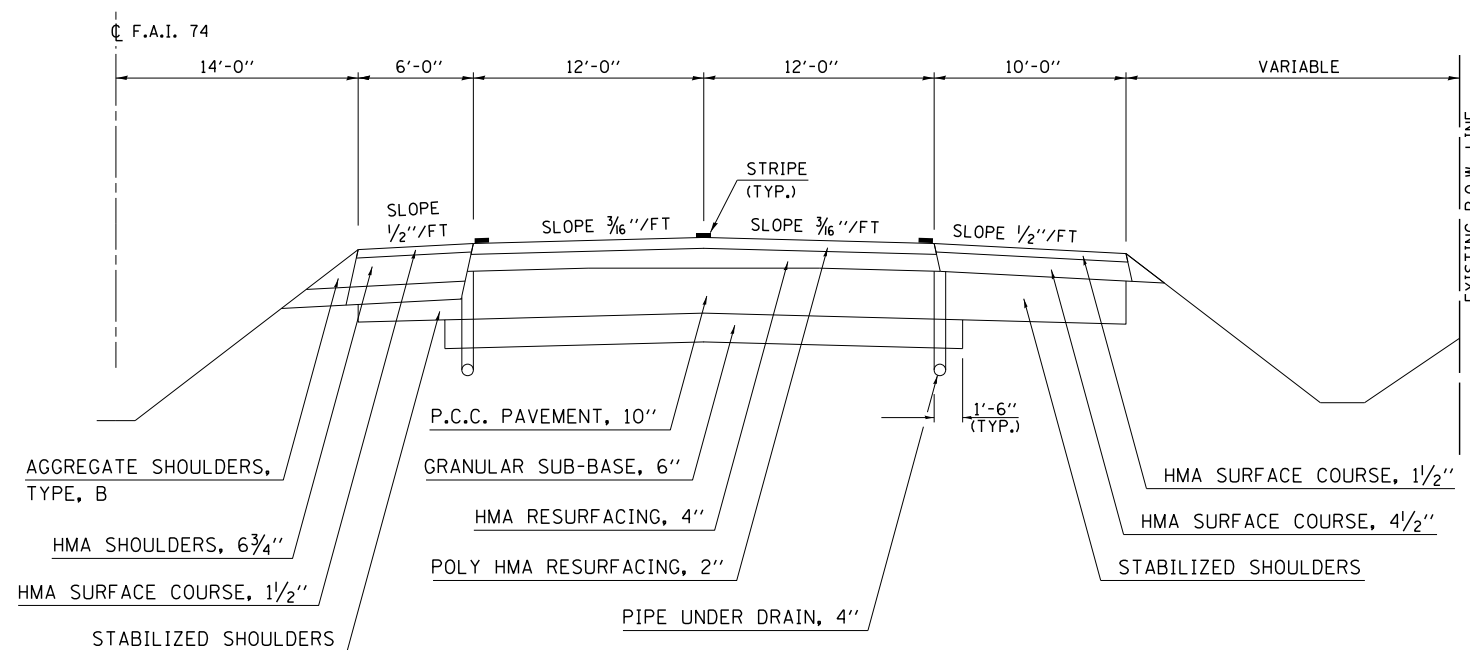


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#MODELNAME#	PLOT DATE = 6/26/2014	CHECKED -	REVISED -		SCALE:	SHEET 11 OF 18 SHEETS	STA.	TO STA.	CONTRACT NO. 70A81
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT

PROPOSED TYPICAL CROSS SECTION 23

F.A.I. 74

STATION TO STATION
1035+75.00 1038+67.40



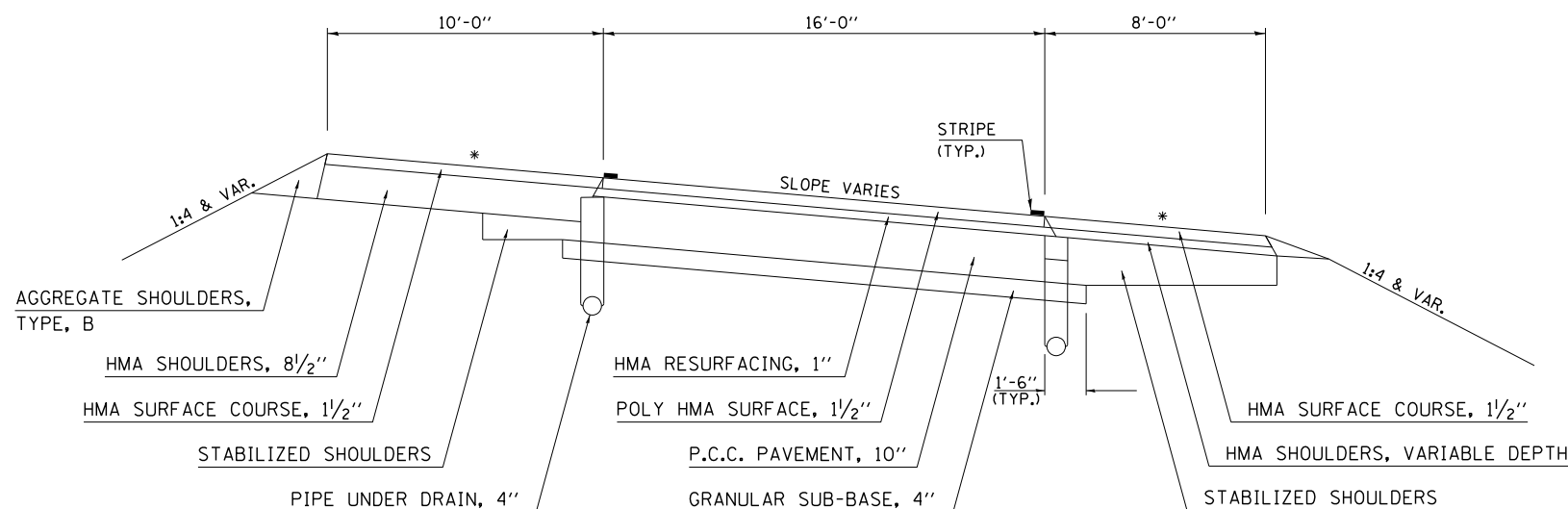
RAMP ADJACENT TO TYPICAL CROSS SECTION 23

PROPOSED TYPICAL CROSS SECTION 24

NB I-57 TO EB I-74 RAMP (NEAR I-74 EB GORE AREA)

STATION TO STATION
87+55.00 100+40.00

* = THE ALGEBRAIC DIFFERENCE BETWEEN THE RAMP PAVEMENT SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 8.0%



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 12 OF 18 SHEETS STA. TO STA.

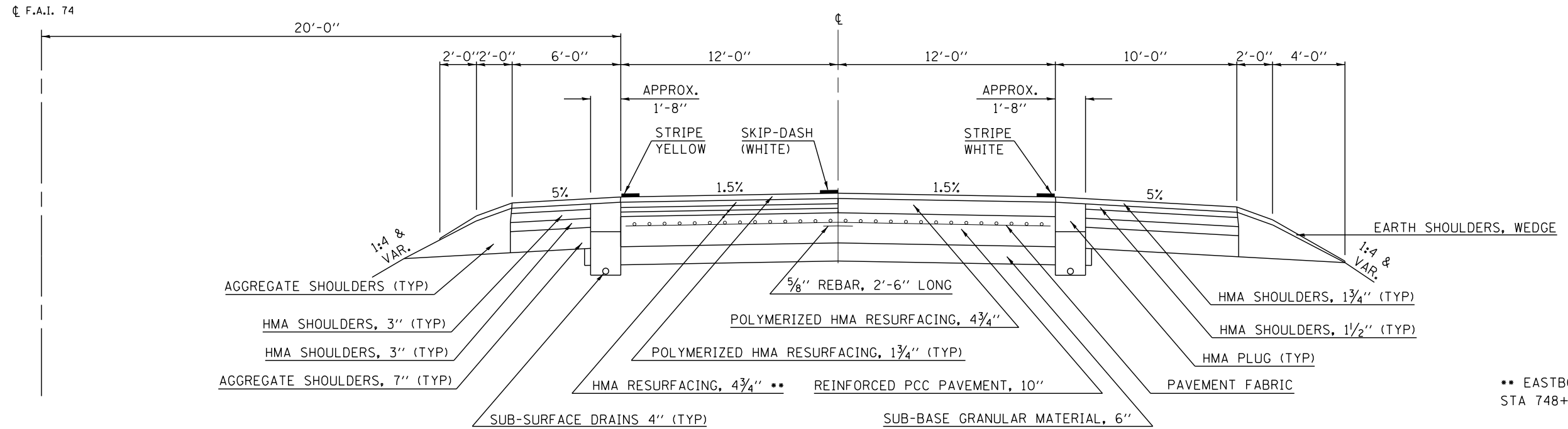
*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	D5 CM PATCHING 2015-2	**	32
			SHEET NO. 21
CONTRACT NO. 70A81			
ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL SECTION 25

LOCATION MAP # 3

F.A.I. 74

STATION IO STATION
429+00.00 880+00.00 26



** EASTBOUND LANES - STA 730+0 TO STA 748+00 HMA RESURFACING = 6"±

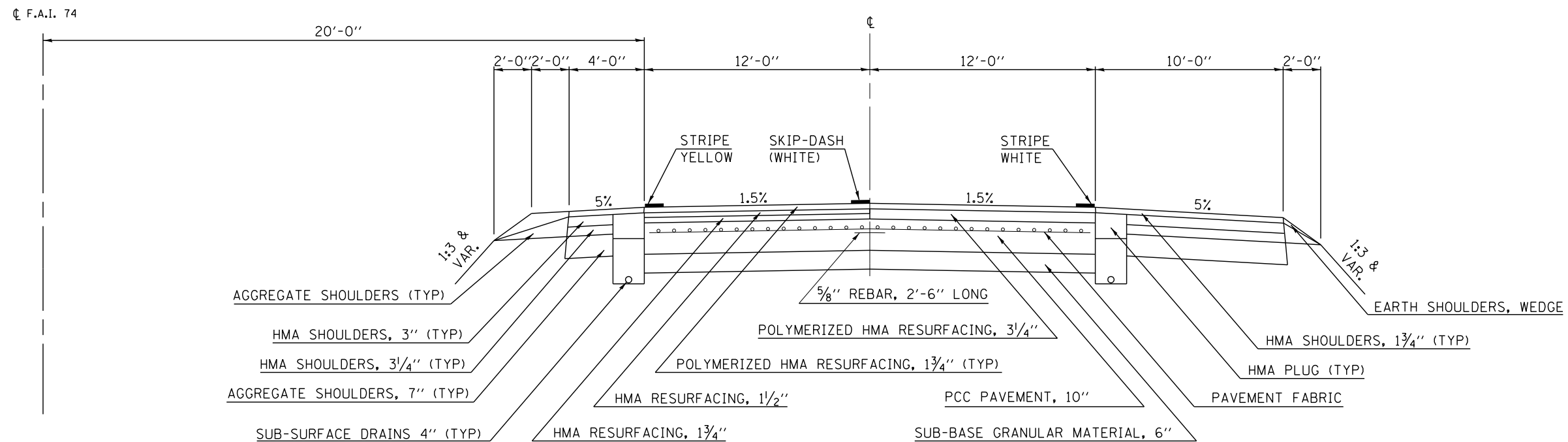
EXISTING TYPICAL SECTION 26

LOCATION MAPS # 3 & # 4

F.A.I. 74

STATION IO STATION
25 880+00.00 1616+00.00 27

CHAMPAIGN AND VERMILION COUNTY
LINE AT STA 1053+06.00



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 13 OF 18 SHEETS STA. TO STA.

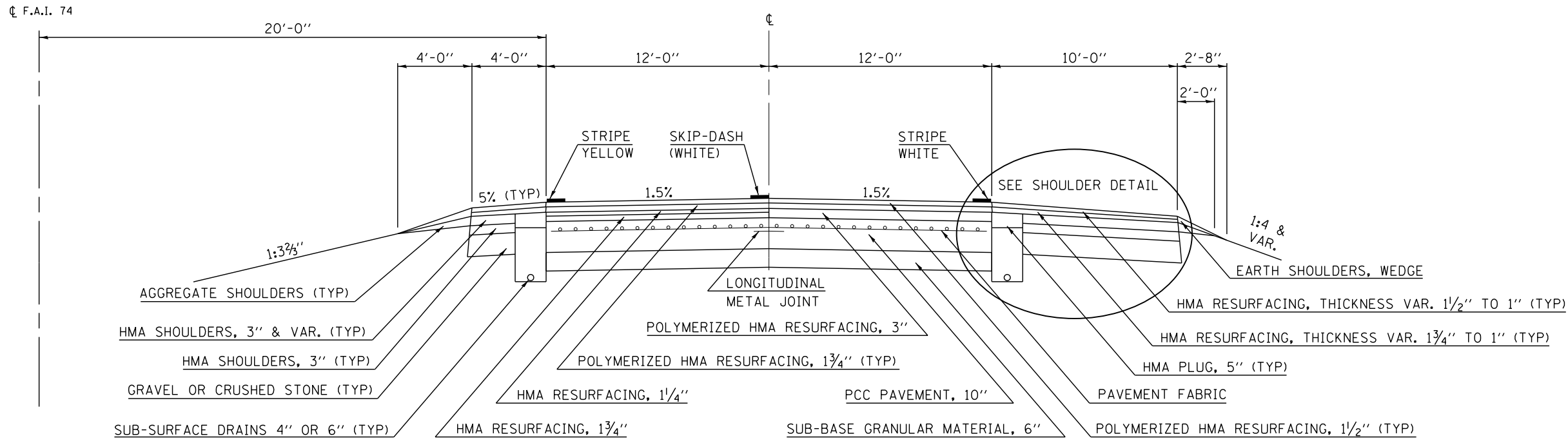
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	**	32	22
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION 27

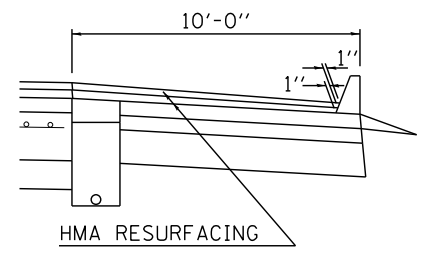
F.A.I. 74

STATION TO STATION
 26 1616+00.00 1720+00.00 28

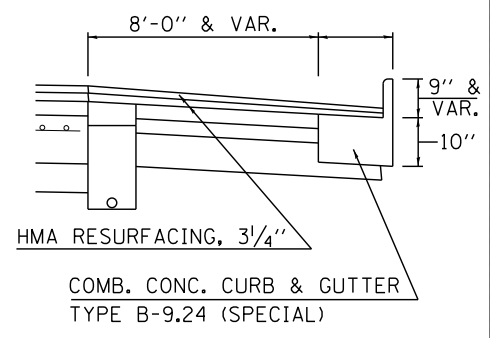
LOCATION MAP #4



SHOULDER DETAIL
 LT. 1618+87.00 TO LT. 1627+88.22
 RT. 1624+65.29 TO RT. 1627+88.22



SHOULDER DETAIL
 LT. 1631.89.30 TO LT. 1647+92.36 (WB)
 RT. 1631+89.63 TO RT. 1647+36.45 (EB)

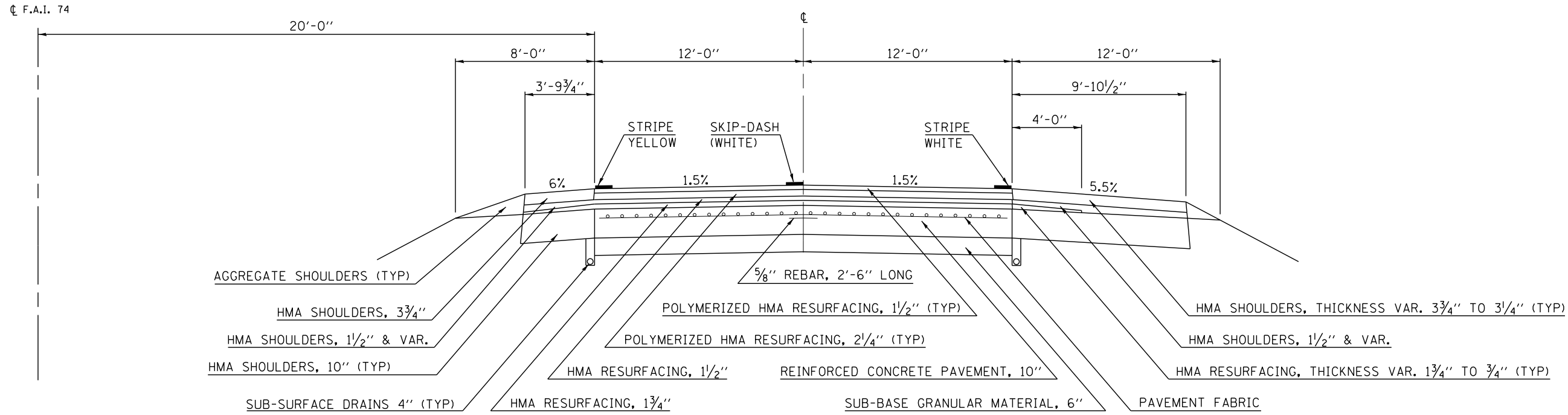


EXISTING TYPICAL SECTION 28

F.A.I. 74

STATION TO STATION
 27 1720+00.00 1908+00.00 29

LOCATION MAP #4



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pw\work\p\dot\gorees\d0400102\0570A81-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

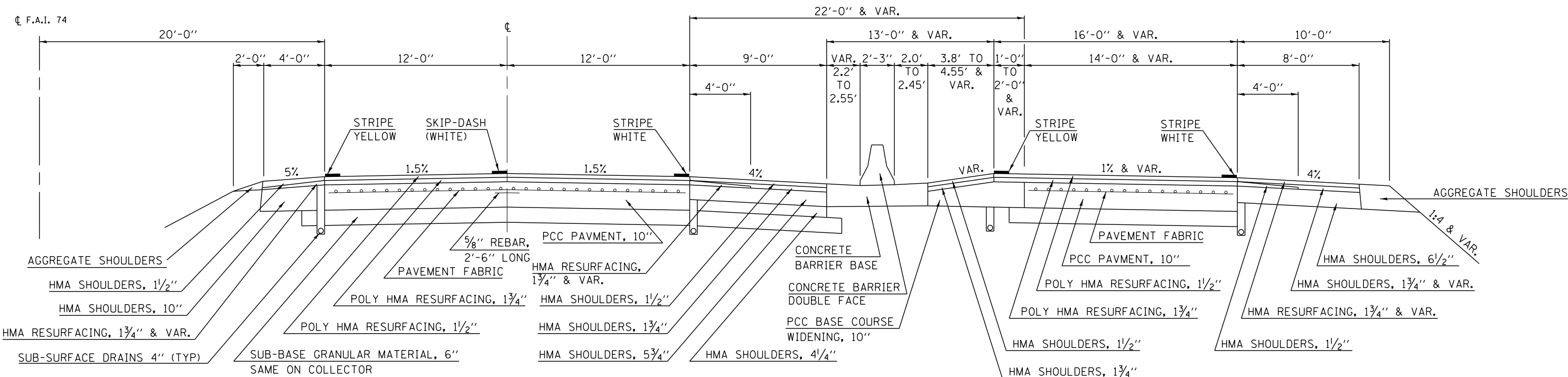
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5 CM PATCHING 2015-2		**	32	23
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION 29

LOCATION #4

F.A.I. 74

STATION 1908+00.00 TO STATION 1951+50.00

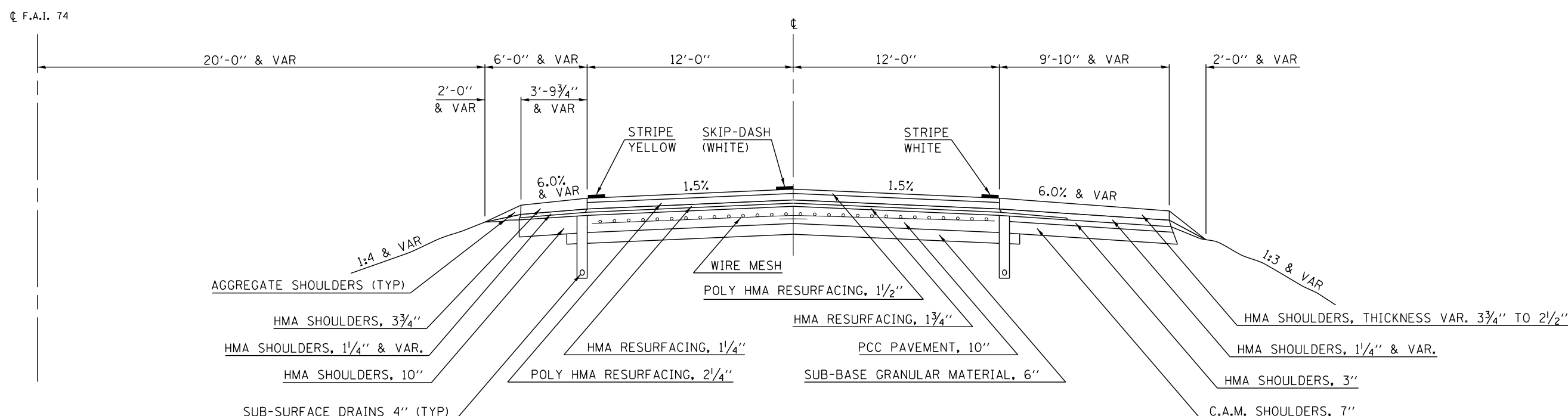


EXISTING TYPICAL SECTION 30

LOCATION #4

F.A.I. 74

STATION 1951+50.00 TO STATION 2020+00.00



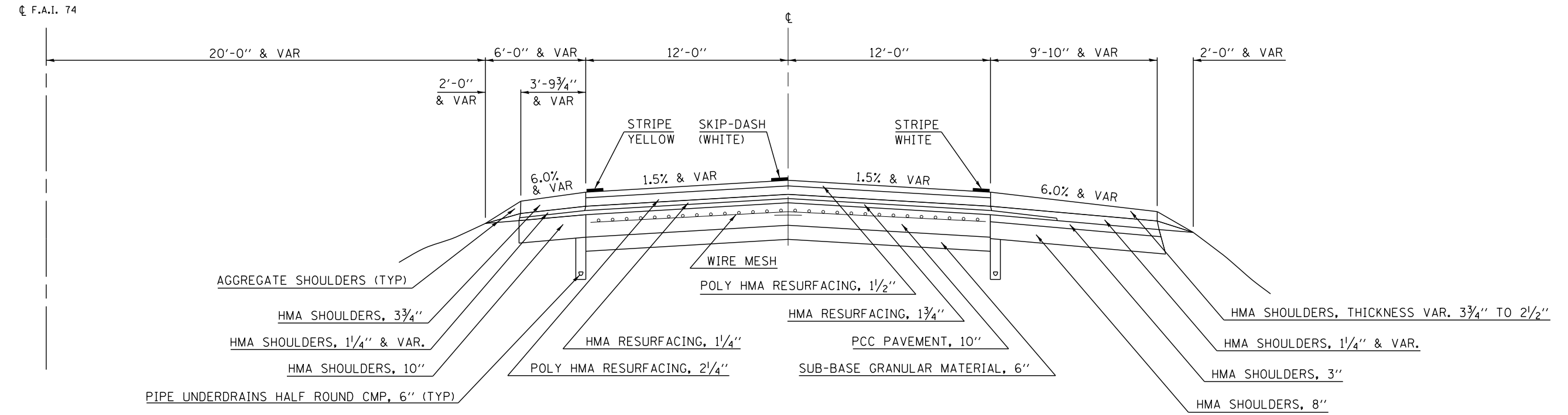
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ct:\pw\work\p\dot\gorees\d0400102\0570A01-1-sht-typical.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					D5 CM PATCHING 2015-2	**	32	24	
MODELNAME	PLOT DATE = 6/26/2014	CHECKED -	REVISED -		SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.			CONTRACT NO. 70A81				
							ILLINOIS FED. AID PROJECT					

EXISTING TYPICAL SECTION 31

LOCATION MAP #4

F.A.I. 74

STATION IO STATION
 30 2020+00.00 2231+13.24



FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ct:\pw\work\p\dot\gorees\d0400102\0570A81-sht-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 16	OF 18 SHEETS	STA. TO STA.

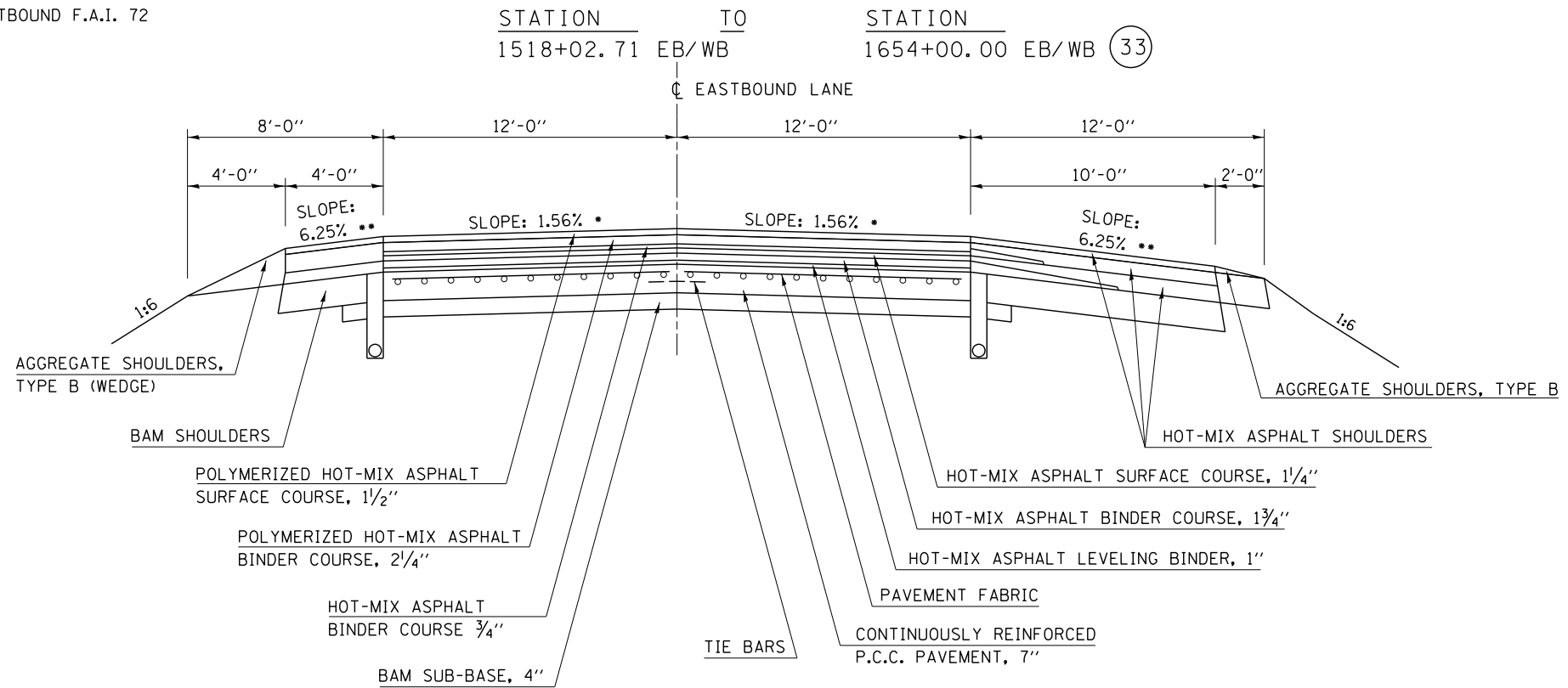
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	••	32	25
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

- SLOPE VARIES FOR SUPERELEVATION IN CURVES.
- SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

32 EXISTING TYPICAL CROSS SECTION F.A.I. 72

LOCATION MAP # 3

EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

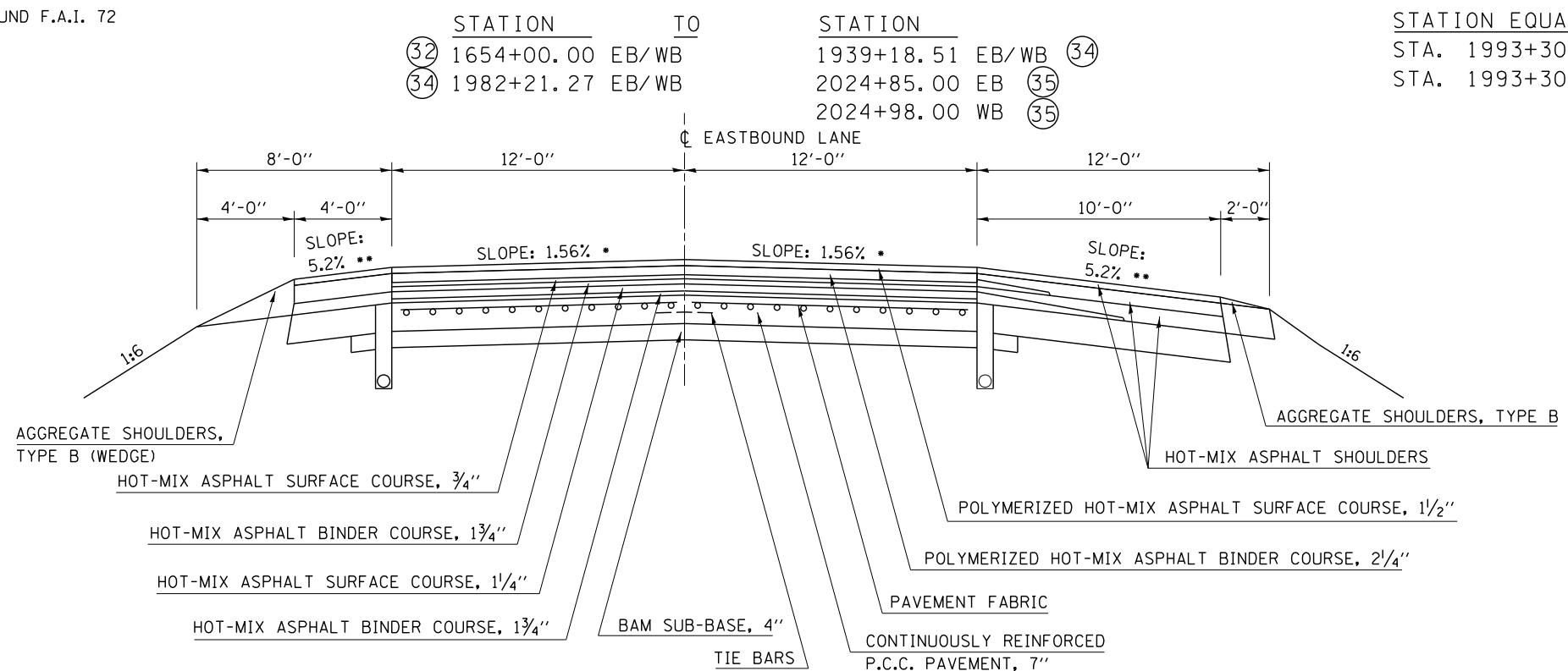


- SLOPE VARIES FOR SUPERELEVATION IN CURVES.
- SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

33 PROPOSED TYPICAL CROSS SECTION F.A.I. 72

LOCATION MAP # 3

EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72



STATION EQUATION

STA. 1993+30.60 (BK) TO 1993+30.58 (AH) EB
STA. 1993+30.60 (BK) TO 1993+30.58 (AH) WB

FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -
ci:\pwork\pwork\gorees\d0400102\0570A01-sht-typical.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 6/26/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

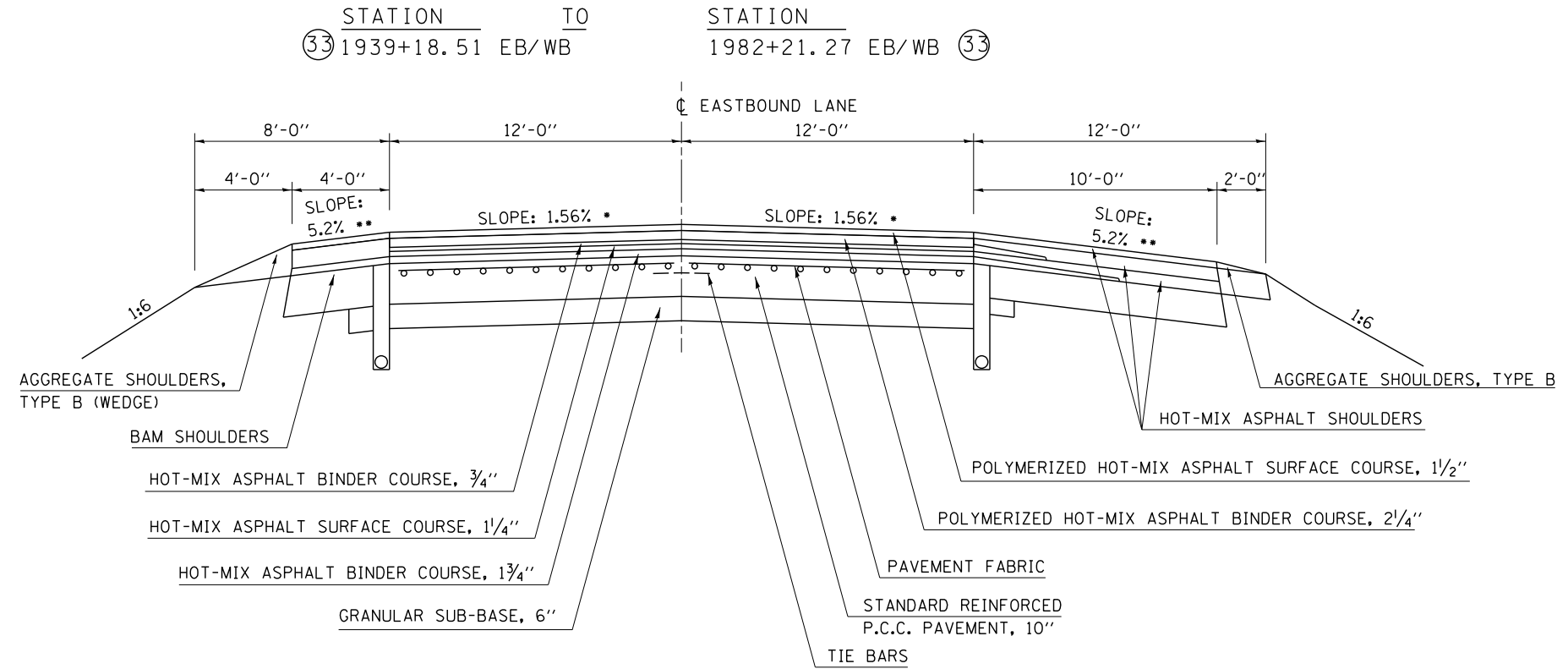
TYPICAL CROSS SECTIONS

SCALE: SHEET 17 OF 18 SHEETS STA. TO STA.

• VARIOUS	••CHAMPAIGN, DOUGLAS, & VERMILION			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2015-2	••	32	26
			CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT				

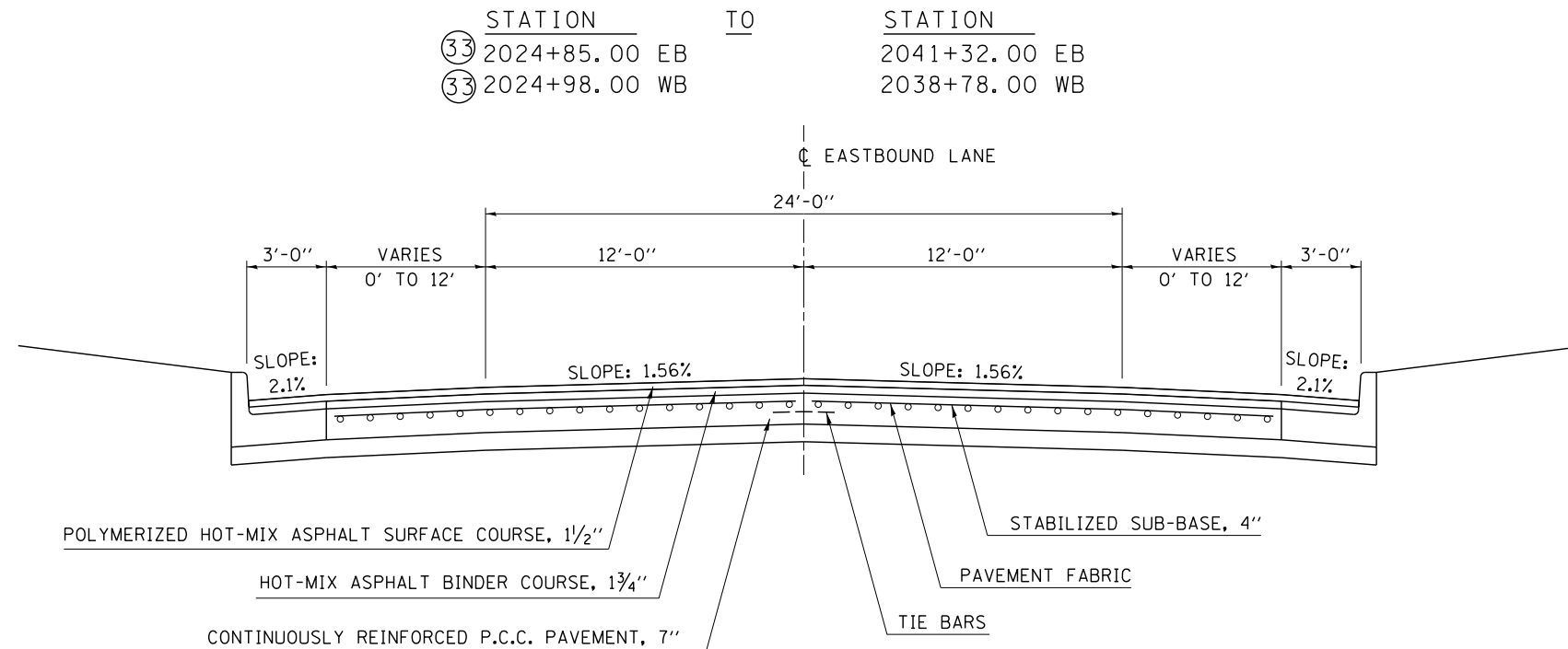
- SLOPE VARIES FOR SUPERELEVATION IN CURVES.
- SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

34 PROPOSED TYPICAL CROSS SECTION F.A.I. 72



EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

35 PROPOSED TYPICAL CROSS SECTION F.A.I. 72



EASTBOUND F.A.I. 72 SHOWN, TYPICAL FOR WESTBOUND.

FILE NAME =	USER NAME = gorees	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			• VARIOUS		••CHAMPAIGN, DOUGLAS, & VERMILION	
ct:\pw\work\p\dot\gorees\d0400102\0570A01-sht-typical.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
#MODELNAME#	PLOT DATE = 6/26/2014	CHECKED -	REVISED -		•	D5 CM PATCHING 2015-2	••	32	27		
		DATE -	REVISED -					CONTRACT NO. 70A81			
				SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

I-57 NORTHBOUND CLASS A 12" PATCHES										
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200577 TYPE II 12.0" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
DOUGLAS	RURAL	424+07.51	209.607	NB	DL	6	12	8.0	60.0	8.0
SUB-TOTALS =								8.0	60.0	8.0
TOTALS =								8.0	60.0	8.0
DOUGLAS CO. I-57 RURAL TOTALS =								8.0	60.0	8.0
USE =								8.0	60.0	8.0

I-57 NORTHBOUND CLASS A 13" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200608 TYPE I 13.0" (SQ YD)	44200610 TYPE II 13.0" (SQ YD)	44200614 TYPE IV 13.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
DOUGLAS	RURAL	686+43.83	214.576	NB	DL	10	12	0.0	13.3	0.0	68.0	0	13.3
SUB-TOTALS =								0.0	13.3	0.0	68.0	0.0	13.3
I-57 SOUTHBOUND CLASS A 13" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200608 TYPE I 13.0" (SQ YD)	44200610 TYPE II 13.0" (SQ YD)	44200614 TYPE IV 13.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	154+73.47	228.831	SB	DL	6	12	0.0	8.0	0.0	60.0	0	8.0
DOUGLAS	RURAL	689+64.41	214.644	SB	DL	40	12	0.0	0.0	53.3	128.0	20	53.3
DOUGLAS	RURAL	353+67.31	208.278	SB	DL	6	12	8.0	8.0	0.0	60.0	0	8.0
SUB-TOTALS =								8.0	16.0	53.3	248.0	20.0	69.3
TOTALS =								8.0	29.3	53.3	316.0	20.0	82.7
DOUGLAS CO. I-57 RURAL TOTALS =								8.0	22.0	54.0	256.0	20.0	75.0
CHAMPAIGN CO. I-57 RURAL TOTALS =								0.0	8.0	0.0	60.0	0.0	8.0
USE =								8.0	30.0	54.0	316.0	20.0	83.0

I-57 NORTHBOUND CLASS A 14" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200620 TYPE II 14.0" (SQ YD)	44200628 TYPE IV 14.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	151+13.23	204.442	NB	DL	20	12	0.0	26.7	88.0	10	26.7
CHAMPAIGN	RURAL	151+13.23	204.442	NB	PL	20	12	0.0	26.7	88.0	10	26.7
CHAMPAIGN	RURAL	151+66.03	204.452	NB	DL	10	12	13.3	0.0	68.0	0	13.3
CHAMPAIGN	RURAL	151+66.03	204.452	NB	PL	20	12	0.0	26.7	88.0	10	26.7
CHAMPAIGN	RURAL	152+71.63	204.472	NB	DL	10	12	13.3	0.0	68.0	0	13.3
CHAMPAIGN	RURAL	152+71.63	204.472	NB	PL	10	12	13.3	0.0	68.0	0	13.3
CHAMPAIGN	RURAL	153+03.31	204.478	NB	PL	6	12	8.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	153+29.71	204.483	NB	PL	30	12	0.0	40.0	108.0	15	40.0
CHAMPAIGN	RURAL	153+56.11	204.488	NB	DL	20	12	0.0	26.7	88.0	10	26.7
SUB-TOTALS =								48.0	146.7	724.0	55.0	194.7
TOTALS =								48.0	146.7	724.0	55.0	194.7
CHAMPAIGN CO. I-57 RURAL TOTALS =								48.0	147.0	724.0	55.0	195.0
USE =								48.0	147.0	724.0	55.0	195.0

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

ILLINOIS FED. AID PROJECT

SCHEDULE OF QUANTITIES

I-72 EASTBOUND CLASS A 15" PATCHES										
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200630 TYPE II 15.0" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	URBAN	1933+14.07	181.232	EB	DL	6	12	8.0	60.0	8.0
SUB-TOTALS =								8.0	60.0	8.0
I-72 WESTBOUND CLASS A 15" PATCHES										
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200630 TYPE II 15.0" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	URBAN	1810+75.03	178.914	WB	DL	8	12	10.7	64.0	10.7
SUB-TOTALS =								10.7	64.0	10.7
TOTALS =								18.7	124.0	18.7
CHAMPAIGN CO. I-72 URBAN TOTALS =								19.0	124.0	19.0
USE =								19.0	124.0	19.0

I-72 EASTBOUND CLASS A 16" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200645 TYPE II 16.0" (SQ YD)	44200647 TYPE IV 16.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	1624+68.31	175.390	EB	DL	8	12	10.7	0.0	64.0	0.0	10.7
SUB-TOTALS =								10.7	0.0	64.0	0.0	10.7
I-72 WESTBOUND CLASS A 16" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200645 TYPE II 16.0" (SQ YD)	44200647 TYPE IV 16.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	1620+61.75	175.313	WB	DL	100	12	0.0	133.3	248.0	50.0	133.3
CHAMPAIGN	RURAL	1610+74.39	175.126	WB	DL	20	12	0.0	26.7	88.0	10.0	26.7
SUB-TOTALS =								0.0	160.0	336.0	60.0	160.0
TOTALS =								10.7	160.0	400.0	60.0	170.7
CHAMPAIGN CO. I-72 RURAL TOTALS =								11.0	160.0	400.0	60.0	171.0
USE =								11.0	160.0	400.0	60.0	171.0

I-74 EASTBOUND CLASS A 17" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200633 TYPE I 17.0" (SQ YD)	44200637 TYPE II 17.0" (SQ YD)	44200643 TYPE IV 17.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	URBAN	1593+52.53	173.240	EB	DL	6	12	0.0	8.0	0.0	60.0	0.0	8.0
CHAMPAIGN	URBAN	1620+03.09	173.742	EB	DL	6	12	8.0	8.0	0.0	60.0	0.0	8.0
SUB-TOTALS =								8.0	16.0	0.0	120.0	0.0	16.0
I-74 WESTBOUND CLASS A 17" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200633 TYPE I 17.0" (SQ YD)	44200637 TYPE II 17.0" (SQ YD)	44200643 TYPE IV 17.0" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	URBAN	1519+13.01	171.831	WB	DL	30	12	0.0	0.0	40.0	108.0	15.0	40.0
SUB-TOTALS =								0.0	0.0	40.0	108.0	15.0	40.0
TOTALS =								8.0	16.0	40.0	228.0	15.0	56.0
CHAMPAIGN CO. I-74 URBAN TOTALS =								8.0	16.0	40.0	228.0	15.0	56.0
USE =								8.0	16.0	40.0	228.0	15.0	56.0

FILE NAME =	USER NAME = goreas	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	D5 CM PATCHING 2015-2	**	32
		SHEET NO. 29	
		CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT			

SCHEDULE OF QUANTITIES

I-57 NORTHBOUND CLASS B 15" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201031 TYPE II 15.0" (SQ YD)	44201035 TYPE III 15.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213100 PAVEMENT FABRIC (SQ YD)
CHAMPAIGN	RURAL	437+61.98	225.795	NB	PL	12	12	0.0	16.0	20	60.0	16.0
SUB-TOTALS =								0.0	16.0	20.0	60.0	16.0
I-57 SOUTHBOUND CLASS B 15" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201031 TYPE II 15.0" (SQ YD)	44201035 TYPE III 15.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213100 PAVEMENT FABRIC (SQ YD)
CHAMPAIGN	URBAN	530+80.81	235.954	SB	DL	10	12	13.3	0.0	20	56.0	0.0
SUB-TOTALS =								13.3	0.0	20.0	56.0	0.0
TOTALS =								13.3	16.0	40.0	116.0	16.0
CHAMPAIGN CO. I-57 URBAN TOTALS =								14.0	0.0	20.0	56.0	0.0
CHAMPAIGN CO. I-57 RURAL TOTALS =								0.0	16.0	20.0	60.0	16.0
USE =								14.0	16.0	40.0	116.0	16.0

I-74 EASTBOUND CLASS B 13" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201013 TYPE IV 13.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213100 PAVEMENT FABRIC (SQ YD)
CHAMPAIGN	URBAN	1073+00.44	179.200	EB	RAMP	60	16	106.7	70	168.0	30	106.7
CHAMPAIGN	URBAN	1074+00.76	179.219	EB	RAMP	60	6	40.0	20	138.0	30	40.0
SUB-TOTALS =								146.7	90.0	306.0	60.0	146.7
TOTALS =								146.7	90.0	306.0	60.0	146.7
CHAMPAIGN CO. I-74 URBAN TOTALS =								147.0	90.0	306.0	60.0	147.0
USE =								147.0	90.0	306.0	60.0	147.0

I-74 EASTBOUND CLASS B 14" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201023 TYPE III 14.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213100 PAVEMENT FABRIC (SQ YD)	
VERMILION	URBAN	1937+14.32	214.519	EB	DL	12	12	16.0	20	60.0	16.0	
SUB-TOTALS =								16.0	20.0	60.0	16.0	
TOTALS =								16.0	20.0	60.0	16.0	
VERMILION CO. I-74 URBAN TOTALS =								16.0	20.0	60.0	16.0	
USE =								16.0	20.0	60.0	16.0	

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

SCHEDULE OF QUANTITIES

I-74 EASTBOUND CLASS B 15" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201037 TYPE IV 15.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213100 PAVEMENT FABRIC (SQ YD)
VERMILION	RURAL	1318+16.88	202.796	WB	DL	40	12	53.3	40	116.0	20	53.3
SUB-TOTALS =								53.3	40.0	116.0	20.0	53.3
TOTALS =								53.3	40.0	116.0	20.0	53.3
VERMILION CO. I-74 RURAL TOTALS =								54.0	40.0	116.0	20.0	54.0
USE =								54.0	40.0	116.0	20.0	54.0

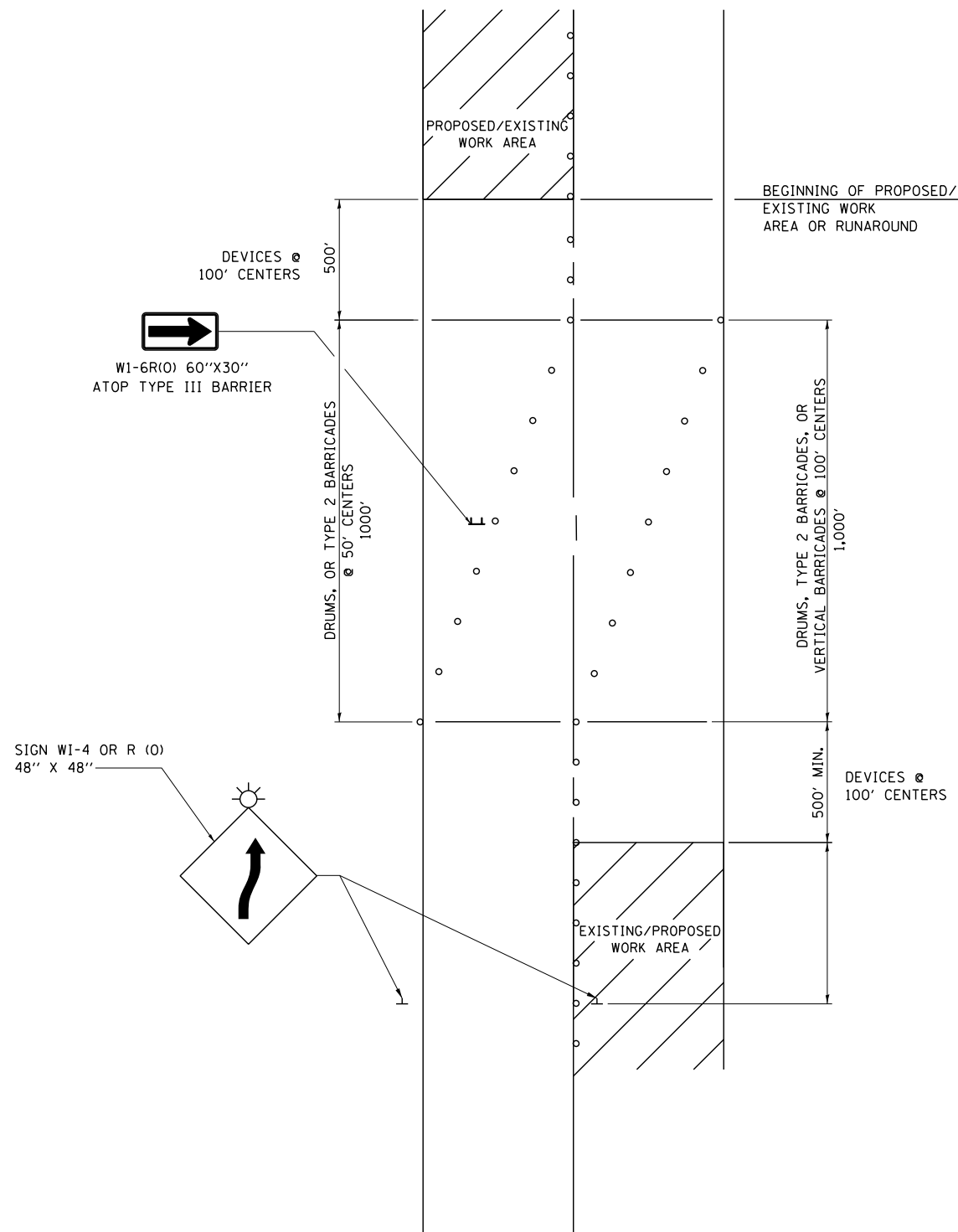
I-74 EASTBOUND CLASS B 17" PATCHES												
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201055 TYPE II 17.0" (SQ YD)	44201057 TYPE III 17.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213100 PAVEMENT FABRIC (SQ YD)
VERMILION	URBAN	1882+60.08	213.486	EB	DL	6	12	8.0	0.0	20	48.0	0.0
VERMILION	URBAN	1882+60.08	213.486	EB	PL	6	12	8.0	0.0	20	48.0	0.0
VERMILION	URBAN	1885+76.88	213.546	EB	DL	12	12	0.0	16.0	20	60.0	16.0
VERMILION	URBAN	1886+56.08	213.561	EB	PL	6	12	8.0	0.0	20	48.0	0.0
SUB-TOTALS =								24.0	16.0	80.0	204.0	16.0
TOTALS =								24.0	16.0	80.0	204.0	16.0
VERMILION CO. I-74 URBAN TOTALS =								24.0	16.0	80.0	204.0	16.0
USE =								24.0	16.0	80.0	204.0	16.0

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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

*VARIOUS		**CHAMPAIGN, DOUGLAS, & VERMILION	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	D5 CM PATCHING 2015-2	**	32
		SHEET NO. 31	
		CONTRACT NO. 70A81	
ILLINOIS FED. AID PROJECT			



- NOTES:**
1. THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE LEFT LANE PRIOR TO THE RIGHT LANE. UNDER THESE CONDITIONS, THE SETUP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.
 2. ALL DEVICES SHALL CONFORM TO STD. 701901
 3. ALL CONFLICTING OR UNNECESSARY SIGNS SHALL BE REMOVED OR COVERED.
 4. ALL DEVICES REQUIRE STEADY BURN MONODIRECTIONAL LIGHTS IF WORK INVOLVES A NIGHT-TIME CLOSURE.
 5. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.

*VARIOUS **CHAMPAIGN, DOUGLAS, & VERMILION

DISTRICT 5 DETAIL NO. 70100100

FILE NAME =	USER NAME = goreas	DESIGNED - 1/11	REVISED - 06/14
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SWITCHBACK

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 CM PATCHING 2015-2	**	32	32
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 70A81				